# Taroni SPA Combined M-RSL as of 15th November 2018

The following reflects the Company's Manufacturing RSL Detection Limits

These Detection Limits and Test Methods will be revised - at least yearly, to always reflect best current technology.

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| APEOs | Nonylphenol (NP) | 104-40-5 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 250 |
| APEOs | Nonylphenol (NP) | 1173019-62-9 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | 4-Nonylphenol (branched) (NP) | 84852-15-3 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Nonylphenol (NP) | 90481-04-2 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | 4-Nonylphenol (NP) | 25154-52-3 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Nonylphenol (NP) | 11066-49-2 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Sum of NP Nonylphenol mixed isomers | Various | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | 4-(1,1,3,3-Tetramethylbutyl)-phenol (octylphenols) (OP) | 140-66-9 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 250 |
| APEOs | 4-Octylphenol (OP) | 1806-26-4 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | OctylPhenol (OP) | 27193-28-8 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Octylphenol (OP) mixed isomers | Various | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Unbekanntes Farbmittel 94 (SIN list Isononylphenol-ethoxylate) (NPEO) | 37205-87-1 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | (NPEs 3-18) Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched (NPEO) | 68412-54-4 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | (Nonylphenoxy)-polyethylenoxid (NPEO) | 9016-45-9 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry | Sum |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| APEOs | 4-Nonylphenol, ethoxylated (NPEO) | 26027-38-3 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | 500 |
| APEOs | 4-Nonylphenol, branched, ethoxylated (NPEO) | 127087-87-0 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Ethoxylated Nonylphenols | Various | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Octylphenol ethoxylates (OPEOs) | 9002-93-1 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 500 |
| APEOs | 4-tert-Octylphenolethoxylate (OPEO) | 68987-90-6 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | 4-tert-Octylphenolethoxylate (OPEO) | 9036-19-5 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| APEOs | Ethoxylated Octylphenols | Various | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2 | With Reference To DIN EN ISO 18857 And Followed by LC-MS Analysis. NPEO(1+2): GC/MS | 1 | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2 | | |
| Phthalates | Di(2-Ethyl Hexyl) Phthalate(DEHP) | 117-81-7 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-(2-metossietil) ftalato (DMEP) | 117-82-8 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-N-Octyl Phthalate (DNOP) | 117-84-0 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-n-pentylphtalate (DPP) | 131-18-0 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-Iso-Decyl Phthalate (DIDP) | 26761-40-0 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-Iso-Nonyl Phthalate (DINP) | 28553-12-0 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Diisopentylphthalate (DIPP) | 605-50-5 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 1 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | di-(C7-C11 alkyl)-phtalate linear + branched (DHNUP) | 68515-42-4 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-Iso-Nonyl Phthalate (DINP) | 68515-48-0 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Phthalates | Di-Iso-Decyl Phthalate (DIDP) | 68515-49-1 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | GC-MS | Sum 250 |
| Phthalates | di-(C6-C8 alkyl)-phtalate (DIHP) | 71888-89-6 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | N-pentyl-isopentylphthalate (NPIPP) | 776297-69-9 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 1 | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-Iso-Butyl Phthalate (DIBP) | 84-69-5 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-Butyl Phthalate (DBP) | 84-74-2 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-N-Hexyl Phthalate (DNHP) (DEP) | 84-75-3 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Benzyl Butyl Phthalate (BBP) | 85-68-7 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Dimethyl phthalate (DMP) | 131-11-3 | GC-MS, EN ISO 14389:2014 | 50 | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS. | 1 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-n-propylphthalate (DPRP) | 131-16-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8270D, ISO 18856 | 10 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-iso-octylphthalate (DIOP) | 27554-26-3 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8270D, ISO 18856 | 10 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Dicyclohexyl phthalate (DCHP) | 84-61-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8270D, ISO 18856 | 10 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Diethyl phthalate | 84-66-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8270D, ISO 18856 | 10 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Phthalates | Di-nonyl phthalate (DNP) | 84-76-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8270D, ISO 18856 | 10 | Extraction with toluene, GC-MS resp. LC/MS. | 0,3 | | |
| Flame Retardants | Monobromo diphenyl ethers (MonoBDE) | 101-55-3 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Tribromo diphenyl ethers (TriBDE) | 49690-94-0 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Dibromo diphenyl ethers (DiBDE) | 53563-56-7 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Flame Retardants | Tris(2-Chloroethyl)Phosphate (TCEP) | 115-96-8 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Decabromo diphenyl ether (DecaBDE) | 1163-19-5 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Tris(2,3-Dibromopropyl)-Phosphate (TRIS) | 126-72-7 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Hexabromocyclododecane (HBCDD) | 134237-50-6 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Hexabromocyclododecane (HBCDD) | 134237-51-7 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Hexabromocyclododecane (HBCDD) | 134237-52-8 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Hexabromocyclododecane (HBCDD) | 25637-99-4 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Hexabromocyclododecane (HBCDD) | 3194-55-6 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Tris (1-chloro-2-propyl) phosphate (TCPP) | 13674-84-5 | Solvent Extraction & GC-CE analysis. | 0,01 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 250 |
| Flame Retardants | Tris(1,3-dichloro-2-propyl)phosphate (TDCPP) | 13674-87-8 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,01 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | GC-MS | 250 |
| Flame Retardants | Pentabromo diphenyl ethers (PentaBDE) | 32534-81-9 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Octabromo diphenyl ethers (OctaBDE) | 32536-52-0 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Hexabromo diphenyl ethers (HexaBDE) | 36483-60-0 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Tetrabromo diphenyl ethers (TetraBDE) | 40088-47-9 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Bis (2,3-dibromopropyl) phosphate (BIS) | 5412-25-9 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,05 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | GC-MS | 250 |
| Flame Retardants | Nonabromo diphenyl ethers (NonaBDE) | 63936-56-1 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Flame Retardants | Heptabromo diphenyl ethers (HeptaBDE) | 68928-80-3 | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Tetrabromo-bisphenol A (TBBPA) | 79-94-7 | Solvent Extraction & GC-CE analysis. | 0,25 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5 | Extraction with toluene, GC-MS resp. LC/MS. | 0,25 | GC-MS | 250 |
| Flame Retardants | Polibrominated diphenyl ethers (PBDE) | Various | Solvent Extraction & GC-CE analysis. | 0,03 | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03 | GC-MS | 250 |
| Flame Retardants | Boric acid | 10043-35-3 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | Boric acid | 11113-50-1 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | SodiumTetraborate | 12267-73-1 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | SodiumTetraborate | 1330-43-4 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | Boric Acid, sodium salt | 13840-56-7 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | Boron Trioxide | 1303-86-2 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | Sodium tetraborate | 1303-96-4 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | GC-MS | 250 |
| Flame Retardants | Trixylyl phosphate | 25155-23-1 | EN ISO 17881-2:2016 | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 250 |
| Flame Retardants | 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 250 |
| Flame Retardants | Tris(1-aziridinyl)phosphine oxide) (TEPA) | 545-55-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 250 |
| Flame Retardants | Polybromobiphenyls (PBB) | 59536-65-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 250 |
| Amines Associated with Azo Dyes | 4,4'-Methylene-Bis(2-Chloroaniline) | 101-14-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 4,4'-Diaminodiphenylmethane | 101-77-9 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Amines Associated with Azo Dyes | 4,4'-Oxydianiline | 101-80-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | p-Chloroaniline | 106-47-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 3,3'-Dimethoxybenzidine | 119-90-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 3,3'-Dimethylbenzidine | 119-93-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | p-Cresidine | 120-71-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2,4,5-Trimethylaniline | 137-17-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 4,4'-Thiodianiline | 139-65-1 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | p-Aminoazobenzene C.I. Solvent Yellow 1 | 60-09-3 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2,4-Diaminoanisole | 615-05-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 3,3'-Dimethyl-4,4'diaminodiphenylmethane | 838-88-0 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2,6-Xylidine | 87-62-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | o-Anisidine | 90-04-0 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2-Naphthylamine | 91-59-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 3,3'-Dichlorobenzidine | 91-94-1 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 4-Aminodiphenyl | 92-67-1 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | Benzidine | 92-87-5 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592 ; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Amines Associated with Azo Dyes | o-Toluidine | 95-53-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2,4-Xylidine | 95-68-1 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 4-Chloro-o-Toluidine | 95-69-2 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2,4-Toluylenediamine | 95-80-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | o-Aminoazotoluene; C.I. Solvent Yellow 3 | 97-56-3 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Amines Associated with Azo Dyes | 2-Amino-4-Nitrotoluene | 99-55-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01 | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01 | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150 |
| Organotin Compounds | Methyltin/Monomethylin (MMT) - 83221-98-1 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Dimethyltin (DMT) - 753-73-1 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Trimethyltin (TMT) - 1066-45-1, 17272-57-0 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Monobutyltin (MBT) - 1118-46-3, 78763-54-9 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Dibutyltin (DBT) - 1461-22-9, 1002-53-5, 14488-53-0 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 20 |
| Organotin Compounds | Tributyltin (TBT) - 56573-85-4, 36643-28-4 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Phenyltin/Phenyltintin/Monophenyltin (MPhT) | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Diphenyltin (DPhT) - 1135-99-5, 6381-06-2, 1011-95-6 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Triphenyltin (TPhT) - 892-20-6, 668-34-8 or others | Multiple | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Monooctyltin (MOT) - 3091-25-6, 15231-57-9 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Organotin Compounds | Dioctyltin (DOT) - 94410-05-6, 15231-44-4 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Trioctyltin (TOT) - 2587-76-0, 250252-89-2 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Tricyclohexyltin (TCyHT) - 3091-52-5, 6056-50-4, 3047-10-7 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Tripropyltin (TPT) - 2279-76-7, 761-44-4 or others | Multiple | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Dibutyltin dichloride (DBTC) | 683-18-1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS | 0,1 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Dibutyltin hydrogen borate (DBB) | 75113-37-0 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Tributyltin oxide (TBTO) | 56-35-9 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Tetrabutyltin (TeBT) | 1461-25-2 | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| Organotin Compounds | Tetraethyltin (TeET) | 597-64-8 | Extraction / Derivation followed by GC-MS analysis | 0,01 | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01 | GC-MS, low resolution mass spectrometry (LRMS) | 5 |
| PFCs | PFOS - Heptadecafluorooctane sulfonic acid (PFOS) | 1763-23-1 | Extraction/ Derivation followed by GC-MS analysis | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | PFOF - Perfluorooctane sulfonic acid Tetraethylammonium salt (PFOS) | 56773-42-3 | Extraction/ Derivation followed by GC-MS analysis | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | POSF - Perfluoro-1-octanesulfonyl fluoride (PFOS) | 307-35-7 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | Perfluorooctane sulfonic acid (PFOS) and its derivatives | various | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFOA - Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluoroctanoic acid (PFOA) and its derivatives | various | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | 7H-Perfluoroheptanoic acid (HPFHpA) | 1546-95-8 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| PFCs | N-Et-FOSE alcohol | 1691-99-2 | Solvent Extraction, LC-MS analysis. | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PF-3,7-DMOA | 172155-07-6 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | 6:2 FTA | 17527-29-6 | Solvent Extraction, LC-MS analysis. | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | 1H,1H,2H,2H-Perfluorododecyl acrylate (FTA 10:2) | 17741-60-5 | Solvent Extraction, LC-MS analysis. | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | 4:2 FTOH | 2043-47-2 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFUnA | 2058-94-8 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | N-Me-FOSE alcohol | 24448-09-7 | Solvent Extraction, LC-MS analysis. | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFPeA | 2706-90-3 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | H4PFOS 6:2 - 1H,1H,2H,2H Perfluorooctane sulfonic acid | 27619-97-2 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | 1H,1H,2H,2H-Perfluorodecyl acrylate (FTA 8:2) | 27905-45-9 | Solvent Extraction, LC-MS analysis. | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | Perfluoro n-hexanoic acid (PFHxA) | 307-24-4 | Extraction/ Derivation followed by GC-MS analysis | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluorododecanoic acid (PFDoA) | 307-55-1 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | N-Me-FOSA | 31506-32-8 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFDA | 335-76-2 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | PFDS | 335-77-3 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | 4HPFUnA - 2H,2H,3H,3H-Perfluoroundecanoic acid | 34598-33-9 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| PFCs | Perfluorohexane sulfonic acid (PFHxS) | 355-46-4 | Extraction/ Derivation followed by GC-MS analysis | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluorobutanoic acid (PFBA) | 375-22-4 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | PFBS | 375-73-5 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluoro n-heptanoic acid (PFHpA) | 375-85-9 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | PFHpS | 375-92-8 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | PFNA | 375-95-1 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluorotetradecanoic acid (PFTeA) | 376-06-7 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA) | 4151-50-2 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFBS | 59933-66-3 | MIP_CE0084-rev0:2016 (ref. UNI CEN/TS 15968:2010 LC-MSMS/LC-Q-TOF) | 1 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | 6:2 Fluorotelomer alcohol (FTOH 6:2) | 647-42-7 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | 8:2 Fluorotelomer alcohol (FTOH 8:2) | 678-39-7 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | Perfluorotridecanoic acid (PFTrA) | 72629-94-8 | Solvent Extraction, LC-MS analysis. | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS | 2 |
| PFCs | Perfluorooctane-sulfonamide (PFOSA) | 754-91-6 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | 10:2 Fluorotelomer alcohol (FTOH 10:2) | 865-86-1 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | PFBS | 29420-43-3 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | DIN 38407-42 modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |
| PFCs | Perfluorobutanesulfonate K-salt | 29420-49-3 | Extraction/ Derivation followed by GC-MS analysis | 0,01 | DIN 38407-42 modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01 | LC-MS | 2 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Chlorobenzenes & Chlorotoluenes | 1,2-Dichlorobenzene | 95-50-1 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | GC-MS | 1000 |
| Chlorobenzenes & Chlorotoluenes | 1,4-Dichlorobenzene | 106-46-7 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,3,5-Trichlorobenzene | 108-70-3 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | chlorobenzene | 108-90-7 | Extraction / Derivation followed by GC-MS analysis | 0,05 | Solid-phase extraction and GC-MS/MS analysis | 0,02 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,05 | | |
| Chlorobenzenes & Chlorotoluenes | Hexachlorobenzene # | 118-74-1 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,2,4-trichlorobenzene | 120-82-1 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | Tetrachlorobenzene | 12408-10-5 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,3-Dichlorobenzene | 541-73-1 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | Pentachlorobenzene | 608-93-5 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,2,3,4-tetrachlorobenzene | 634-66-2 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,2,3,5-tetrachlorobenzene | 634-90-2 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,2,3-Trichlorobenzene | 87-61-6 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | 1,2,4,5-tetrachlorobenzene | 95-94-3 | Extraction / Derivation followed by GC-MS analysis | 0,01 | Liquid extraction GC-MS analysis. | 0,02 | Solvent extraction GC- MS analysis. | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | Benzyl chloride; α-chlorotoluene | 100-44-7 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | alpha, alpha, alpha, 4-tetrachlorotoluene | 5216-25-1 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | | |
| Chlorobenzenes & Chlorotoluenes | Trichlorotoluene (Benzotrichloride) | 98-07-7 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzenes & Chlorotoluenes | a,a-Dichlorotoluene (Benzal chloride) | 98-87-3 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01 | GC-MS | Sum 200 |
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes | 106-43-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes | 108-41-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes | 118-69-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes | 19398-61-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Trichlorotoluenes | 2077-46-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 3,4,5-Trichlorotoluene | 21472-86-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,4,6-Trichlorotoluene | 23749-65-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 3,5-Dichlorotoluene | 25186-47-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,3,5,6-Tetrachlorotoluene | 29733-70-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,3-dichlorotoluene | 32768-54-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,4,5-trichlorotoluene | 6639-30-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,3,4-Trichlorotoluene | 7359-72-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,3,4,5-Tetrachlorotoluene | 76057-12-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,3,5,6-Tetrachlorotoluene | 875-40-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Pentachlorotoluene | 877-11-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes | 95-49-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | 2,4-dichlorotoluene | 95-73-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes | 95-75-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | US EPA 8260B, 8270D | 0,2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | | |
| Chlorinated Solvents | 1,2-Dichloroethane | 107-06-2 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Perchloroethylene* | 127-18-4 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Tetrachloromethane - Carbon tetrachloride | 56-23-5 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | 1,1,1,2-Tetrachloroethane | 630-20-6 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Chloroform | 67-66-3 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | 1,1,1-trichloroethane | 71-55-6 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Dichloromethane - Methylene chloride | 75-09-2 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | 1,1-Dichloroethane | 75-34-3 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | 1,1-Dichloroethylene | 75-35-4 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Pentachloroethane | 76-01-7 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | 1,1,2-Trichloroethane | 79-00-5 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |
| Chlorinated Solvents | Trichloroethylene | 79-01-6 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 40 |
| Chlorinated Solvents | 1,1,2,2-Tetrachloroethane | 79-34-5 | Extraction / Derivation followed by GC-MS analysis | 0,3 | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1 | GC-MS Headspace analysis. | 0,3 | GC-MS | 5 |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Solvents | Hexachlorobutadiene | 87-68-3 | Solvent extraction and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction and GC-MS or ECD-GC analysis | 0,01 | GC-MS | 5 |
| Chlorinated Solvents | 1,2,3-trichloropropane | 96-18-4 | Solvent extraction and GC-MS analysis | 10 | EPA 5021 A:2014 + EPA 8206:2006 metodo GC-MS | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 5 |
| Chlorophenols | 4-Chlorophenol | 106-48-9 | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005 | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | GC-MS, EN ISO 17070 | Sum 50 |
| Chlorophenols | 3-Chlorophenol | 108-43-0 | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005 | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2-Chlorophenol | 95-57-8 | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005 | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | Monochlorophenols | Various | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,4-dichlorophenol | 120-83-2 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | Dichlorophenols (DiCP) | 25167-81-1 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,3-dichlorophenol | 576-24-9 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,5-dichlorophenol | 583-78-8 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 3, 5-dichlorophenol | 591-35-5 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 3, 4-dichlorophenol | 95-77-2 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,6-Dichlorophenol | 87-65-0 | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005 | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 3,4,5-trichlorophenol | 609-19-8 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,4,6-trichlorophenol | 88-06-2 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,3,6-trichlorophenol | 933-75-5 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Chlorophenols | 2,3,5-trichlorophenol | 933-78-8 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | Trichlorophenol (TriCP) | 25167-82-2 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,4,5-trichlorophenol | 95-95-4 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,3,4-trichlorophenol | 15950-66-0 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | o-Phenylphenol (OPP) | 90-43-7 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 1 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and and GC-MS or LC-MS/MS analysis | 1 | | |
| Chlorophenols | Dichlorophene [2,2'-Methylenbis(4-chlorophenol)] | 97-23-4 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 1 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 10 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 1 | | |
| Chlorophenols | Tetrachlorophenols (TeCP) | 25167-83-3 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,3,4,5-Tetrachlorophenol | 4901-51-3 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | 2,3,4,6-Tetrachlorophenol | 58-90-2 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | GC-MS, EN ISO 17070 | Sum 20 |
| Chlorophenols | 2,3,5,6-tetrachlorophenol | 935-95-5 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| Chlorophenols | Pentachlorophenols (PCP) # | 87-86-5 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5 | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,025 | | |
| SCCP & Chlorinated Paraffins | SCCP C10–13 | 85535-84-8 | Solvent Extraction & GC-CE analysis. | 0,03 | Liquid extraction with toluene, GC-MS resp. LC/MS analysis. | 0,4 | Solvent extraction with toluene, GC-MS resp. LC/MS analysis. | 0,03 | Gas chromatography/ electron capture negative ion-mass spectrometry (GC/ECNI-MS) | 50 |
| SCCP & Chlorinated Paraffins | MCCP (C14-C17) | 85535-85-9 | Combined CADS/ISO 18219:2015 method V1:06/17; Extraction: ISO 18219 and analysis by GC-NCI-MS | 100 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Total Arsenic - As - 7440-38-2 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 50 |
| Metals | Total Cadmium - Cd - 7440-43-9 or others | Multiple | EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total) | 1 | Digestion, ICP analysis. | 0,1 | Digestion, ICP analysis. | 1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 20 |
| Metals | Total Mercury - Hg - 7439-97-6 or others | Multiple | ISO 105-E04 acid perspiration extraction & ICP analysis. Extractable) | 0,006 | Digestion, ICP analysis. | 0,05 | Digestion, ICP analysis. | 0,006 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 4 |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Metals | Total Lead - Pb - 7439-92-1, 7439-97-6 or others | Multiple | EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total) | 1 | Digestion, ICP analysis. | 1 | Digestion, ICP analysis. | 1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 100 |
| Metals | Total Hexavalent Chromium - Cr VI - 18540-29-9 or others | Multiple | DIN 53314-1996 UNE EN 17075:2008 | 1 | Digestion, ICP analysis. | 1 | Digestion, ICP analysis. | 1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Beryllium oxide - 1304-56-9 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Vanadium pentoxide - 1314-62-1 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Beryllium - Be - 7440-41-7 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Nickel - Ni - 7440-02-0 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Antimony - Sb - 7440-36-0 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Cobalt - Co - 7440-48-4 or others | Multiple | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Mineralization and ICP-MS analysis | 0,1 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Al - Aluminium oxide - 1344-28-1 or others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Ti - Titanium dioxide - 13463-67-7 or others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Silver - Ag | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 11885 | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Chromium - Cr - 7440-47-3 or others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 11885 | 50 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Copper - Cu - 7440-50-8 or others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 11885 | 250 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Cyanide (CN-) | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 6703-1,2.-3 or ISO 14403-1,-2 | 50 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | Total Zinc - Zn - 7440-66-6 or others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 11885 | 500 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10 |
| Metals | As - Arsenic - Extractable - 7440-38-2 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,1 | Not applicable | | Not applicable | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Metals | Ba - Barium - Extractable - 7440-39-3 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 100 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Cd - Cadmium - Extractable - 7440-43-9 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,05 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Co - Cobalt - Extractable - 7440-48-4 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,5 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Cr - Chromium - Extractable - 7440-47-3 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,5 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Cr VI - Chromium VI - Extractable - 18540-29-9 or others | Multiple | Textile: DIN EN 16711-2:2016, with EN ISO 17075-1:2017 if CrEXT is detected; Leather EN ISO 17075-1:2017 and EN | 0,5 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Cu - Copper - Extractable - 7440-50-8 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 5 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Hg - Mercury - Extractable - 7439-97-6 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,02 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Ni - Nickel - Extractable - 7440-02-0 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,1 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Ni - Nickel - Release - 7440-02-0 or others | Multiple | EN 12472:2005+A1:2009 and EN 1811:2015 | 0,2 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Pb - Lead - Extractable 7439-92-1, 7439-97-6 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 0,1 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Sb - Antimony - Extractable - 7440-36-0 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 3 | Not applicable | | Not applicable | | Not applicable | |
| Metals | Se - Selenium - Extractable - 7782-49-2 or others | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017 | 50 | Not applicable | | Not applicable | | Not applicable | |
| Others | 2,6-di-tert-butyl-4-(1-methylpropyl)-hydroxybenzene | 17540-75-9 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,4,6-tri(t-butyl)Phenol | 732-26-3 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,6-di-tert-butyl-4-(methylthioacetic acid, 2-ethylhexylester)-hydroxybenzene | 80387-97-9 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 6,6'-di-tert-butyl-4,4'-thiodi-m-cresol | 96-69-5 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5 | Solvent extraction and GC-MS / LC-MS analysis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | 1-bromopropane n-propyl bromide | 106-94-5 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | dinitrotoluene (isomer mixture) | 25321-14-6 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,4-dinitrotoluene | 121-14-2 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,3-dinitrotoluene | 602-01-7 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,6-Dinitrotoluene | 606-20-2 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 3,4-dinitrotoluene | 610-39-9 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 3,5-dinitrotoluene | 618-85-9 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,5-dinitrotoluene | 619-15-8 | Extraction and GC-MS analysis | 0,1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Epichlorohydrin | 106-89-8 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | phenyl glycidyl ether ; 2,3-epoxypropyl phenyl ether; 1,2-epoxy-3-phenoxypropane | 122-60-1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2,2'-bioxirane [1,2 3,4-diepoxybutane] | 1464-53-5 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | O2,3-epoxypropyltrimethylammonium chloride; EPTAC; Oxiranemethanaminium, N,N,N- | 3033-77-0 | Solvent extraction and LC-MS/MS analysis | 0,01 | Solid-phase extraction and LC-MS/MS analysis | 0,1 | Solvent extraction and LC-MS/MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | R-1-chloro-2,3-epoxypropane | 51594-55-9 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Glycidol [2,3-epoxy-1-propanol] | 556-52-5 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | R-2,3-epoxy-1-propanol | 57044-25-4 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine 2,4,6-(1H,3H,5H)-trione | 59653-74-6 | Solvent extraction and LC-MS/MS analysis | 0,1 | Solid-phase extraction and LC-MS/MS analysis | 1 | Solvent extraction and LC-MS/MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Others | oxiranemethanol, 4-methylbenzene-sulfonate, (S) | 70987-78-9 | Solvent extraction and LC-MS/MS analysis | 1 | Solid-phase extraction and LC-MS/MS analysis | 10 | Solvent extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | ethylene oxide; oxirane | 75-21-8 | headspace and GC-MS analysis | 1 | headspace and GC-MS analysis | 10 | headspace and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | propylene oxide; 1,2-epoxypropane; methyloxirane | 75-56-9 | headspace and GC-MS analysis | 1 | headspace and GC-MS analysis | 10 | headspace and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | styrene oxide; (epoxyethyl)benzene; phenyloxirane | 96-09-3 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 1,3-Butadiene | 106-99-0 | headspace and GC-MS analysis | 0,1 | headspace and GC-MS analysis | 10 | headspace and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Acrylonitrile | 107-13-1 | headspace and GC-MS analysis | 1 | headspace and GC-MS analysis | 10 | headspace and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | chloroprene (stabilized); 2-chlorobuta-1,3-diene | 126-99-8 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,1 | Solid-phase extraction and GC-MS or ECD-GC analysis | 1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Ethyl acrylate | 140-88-5 | solvent extraction or headspace and GC-MS analysis | 1 | solvent extraction or headspace and GC-MS analysis | 10 | solvent extraction or headspace and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Urethane (Ethyl carbamate) | 51-79-6 | solvent extraction and GC-MS analysis | 1 | Solid-phase extraction and GC-MS analysis | 10 | solvent extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Isobutyl nitrite | 542-56-3 | solvent extraction or headspace and GC-MS analysis | 1 | solvent extraction or headspace and GC-MS analysis | 10 | solvent extraction or headspace and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Vinyl bromide | 593-60-2 | headspace and GC-MS or GC-ECD analysis | 1 | headspace and GC-MS or GC-ECD analysis | 10 | headspace and GC-MS or GC-ECD analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Methylcarbamate | 598-55-0 | solvent extraction or headspace and GC-MS analysis | 0,1 | solvent extraction or headspace and GC-MS analysis | 1 | solvent extraction or headspace and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Vinyl chloride | 75-01-4 | headspace and GC-MS or GC-ECD analysis | 1 | headspace and GC-MS or GC-ECD analysis | 10 | headspace and GC-MS or GC-ECD analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Acetaldehyde | 75-07-0 | derivatization with DNPH and LC-MS/MS analysis | 0,5 | derivatization with DNPH and LC-MS/MS analysis | 10 | derivatization with DNPH and LC-MS/MS analysis | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Isoprene | 78-79-5 | solvent extraction or headspace and GC-MS analysis | 0,1 | solvent extraction or headspace and GC-MS analysis | 1 | solvent extraction or headspace and GC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Acrylamide | 79-06-1 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 10 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | N-Vinyl-2-pyrrolidinone | 88-12-0 | solvent extraction and GC-MS analysis | 1 | Solid-phase extraction and GC-MS analysis | 1 | solvent extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N-Methylolacrylamide | 924-42-5 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 10 | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | extracts, petroleum, light naphthenic distillate solvent | 64742-03-6 | Solvent extraction, and GC-MS/analysis | 1 | Solid-phase extraction and GC-MS analysis | 10 | Solvent extraction, and GC-MS/analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | distillate aromatic extract | 64742-04-7 | Solvent extraction, and GC-MS/analysis | 1 | Solid-phase extraction and GC-MS analysis | 10 | Solvent extraction, and GC-MS/analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | extracts, petroleum, light paraffinic distillate solvent | 64742-05-8 | Solvent extraction, and GC-MS/analysis | 1 | Solid-phase extraction and GC-MS analysis | 10 | Solvent extraction, and GC-MS/analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | benzin 140 - 300 | 8002-05-9 | Solvent extraction, and GC-MS/analysis | 1 | Solid-phase extraction and GC-MS analysis | 10 | Solvent extraction, and GC-MS/analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N-(1,4-Dimethylpentyl)-N'-phenyl-benzen-1,4-diamin | 3081-01-4 | Solvent extraction and GC-MS / LC-MS analysis | 0,1 | Solid-phase extraction and GC-MS / or LC-MS analysis | 10 | Solvent extraction and GC-MS / LC-MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Phenylhydrazine | 100-63-0 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Michler's base (N,N,N',N'-tetramethyl-4,4'methylendianiline) | 101-61-1 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Azobenzene | 103-33-3 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | O-isobutyl-N-ethoxy carbonylthiocarbamate | 103122-66-3 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Boric Acid, sodium salt | 10332-33-9 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 10486-00-7 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | (4-ethoxyphenyl)(3-(4-fluoro-3 phenoxyphenyl)propyl)dimethylsilane | 105024-66-6 | Extraction and LC-MS/MS analysis | 1 | Extraction and LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Carbendazim (N-2-benzimidazolecarbamic acid methyl ester) | 10605-21-7 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Pyridine | 110-86-1 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | AEEA [2-(2-aminoethylamino)ethanol] | 111-41-1 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Diethanolamine | 111-42-2 | LC-MS/MS analysis or GC-MS analisis | 0,1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 11138-47-9 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Benzophenone | 119-61-9 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 12040-72-1 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Sodium tetraborate | 12179-04-3 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | hydrazobenzene | 122-66-7 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | hydroquinone (1,4-Dihydroxybenzene) | 123-31-9 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Diazene-1,2-dicarboxamide [C,C`-azodi(formamide), ADCA] | 123-77-3 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-ethylhexyl diphenyl phosphate | 1241-94-7 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | Solid-phase extraction and GC-MS / LC-MS analysis | 0,01 | Solvent extraction and GC-MS / LC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | dimethyldithiocarbamate, Potassium salt | 128-03-0 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 1 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | dimethyldithiocarbamate, Sodium salt | 128-04-1 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 1 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | o-Phenylphenate, sodium | 132-27-4 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | acidification and Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Boric acid, zinc salt | 1332-07-6 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N-(2-Naphthyl)anilin | 135-88-6 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 13517-20-9 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | Diazoaminobenzene | 136-35-6 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Metam sodium | 137-42-8 | LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N,N'-Bis-(1-ethyl-3-methylpentyl)-1,4-benzendiamin | 139-60-6 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Disodium ethylenebis(N,N'-dithiocarbamate) | 142-59-6 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 1 | Solvent extraction, and LC-MS/MS analysis or GC-MS analisis | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 15120-21-5 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 7-Methoxy-6-(3-morpholin-4-ylpropoxy)quinazolin-4(3H)-one | 199327-61-2 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-chloro-6-fluoro-phenol | 2040-90-6 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 1 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 10 | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride | 214353-17-0 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Triglycidylisocyanurate (TGIC) | 2451-62-9 | Solvent extraction, and LC-MS/MS analysis | 1 | Solvent extraction, and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | (BHA) Butylated hydroxyanisole | 25013-16-5 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-(2H-Bensotriazol-2-yl)-4,6-bis(1,1-dimetylpropyl)fenol | 25973-55-1 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Toluene diisocyanate (1,3-) | 26471-62-5 | Solvent extraction, derivatization and LC-MS/MS analysis | 1 | Solvent extraction, derivatization and LC-MS/MS analysis | 10 | Solvent extraction, derivatization and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | phenylhydrazine hydrochloride | 27140-08-5 | Solvent extraction, and LC-MS/MS analysis | 1 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N,N-(dimethylamino)thioacetamide hydrochloride | 27366-72-9 | Extraction and LC-MS/MS analysis | 10 | LC-MS/MS analysis | 100 | Extraction and LC-MS/MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol | 3147-75-9 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 3-(4-methylbenzylidene) camphor | 36861-47-9 | Solvent extraction, and GC-MS analisis | 1 | Solvent extraction, and GC-MS analisis | 10 | Solvent extraction, and GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | chloro-N,N-dimethylformiminium chloride | 3724-43-4 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | perboric acid, sodium salt | 37244-98-7 | Mineralization and ICP-MS analysis | 5 | Mineralization and ICP-MS analysis | 50 | Mineralization and ICP-MS analysis | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-(2´-Hydroxy-3,5´-di-tert.butylphenyl)-benzotriazole | 3846-71-7 | LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | (2-chloroethyl)(3-hydroxypropyl)ammonium chloride | 40722-80-3 | Extraction and LC-MS/MS analysis | 0,1 | Extraction and LC-MS/MS analysis | 1 | Extraction and LC-MS/MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Trimethyl phosphate | 512-56-1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 4,4'-Methylenbis(N-(1-methylpropyl)benzolamin) | 5285-60-9 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 1,2-Dimethylhydrazine | 540-73-8 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Bis(chloromethyl)ether | 542-88-1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 1,1-Dimethylhydrazine (UDMH) | 57-14-7 | GC-MS analisis | 1 | GC-MS analisis | 10 | GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-nitronaphthalene | 581-89-5 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | toluene diisocyanate (2,4-) | 584-84-9 | Solvent extraction, derivatization and LC-MS/MS analysis | 1 | Solvent extraction, derivatization and LC-MS/MS analysis | 10 | Solvent extraction, derivatization and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | phenylhydrazine hydrochloride | 59-88-1 | Solvent extraction, and LC-MS/MS analysis | 1 | Solid-phase extraction and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Methylazoxymethanol acetate | 592-62-1 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 5-Nitroacenaphthene | 602-87-9 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | tetrahydrothiopyran-3-carboxaldehyde | 61571-06-0 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 10 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 100 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Aniline | 62-53-3 | Extraction and GC-MS or LC-MS/MS analysis | 1 | GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | methoxyacetic acid | 625-45-6 | Extraction and GC-MS or LC-MS/MS analysis | 10 | GC-MS or LC-MS/MS analysis | 100 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Diethyl sulfate | 64-67-5 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Colchicine | 64-86-8 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Cycloheximide | 66-81-9 | Solvent extraction, and LC-MS/MS analysis | 1 | Solvent extraction, and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Phenolphthalein | 77-09-8 | Extraction and LC-MS/MS analysis | 1 | LC-MS/MS analysis | 10 | Extraction and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Dimethyl sulfate | 77-78-1 | Extraction and GC-MS analysis | 1 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N-methylacetamide | 79-16-3 | Solvent extraction and GC-MS analysis | 1 | Solvent extraction and GC-MS analysis | 10 | Solvent extraction and GC-MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-Nitropropane | 79-46-9 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Bisphenol A | 80-05-7 | Solvent extraction, and LC-MS/MS analysis | 0,1 | Solvent extraction, and LC-MS/MS analysis | 1 | Solvent extraction, and LC-MS/MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N-[6,9-dihydro-9-[[2-hydroxy-1 (hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2 yl]acetamide | 84245-12-5 | Solvent extraction, and LC-MS/MS analysis | 1 | Solid-phase extraction and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-nitrotoluene | 88-72-2 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | benzophenone, 4,4'-bis(dimethylamino)-[Michler's ketone] | 90-94-8 | Solvent extraction, and LC-MS/MS analysis | 1 | Solid-phase extraction and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 2-nitroanisole | 91-23-6 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | 4-Nitrobiphenyl | 92-93-3 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N,N-di-2-naphthyl-benzen-1,4-diamin (Diafen NN) | 93-46-9 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10 | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Safrole [5-allyl-1,3-benzodioxole] | 94-59-7 | Solvent extraction, and LC-MS/MS analysis | 1 | Solid-phase extraction and LC-MS/MS analysis | 10 | Solvent extraction, and LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Others | 2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2- en-1-one | 94723-86-1 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Extraction and GC-MS or LC-MS/MS analysis | 10 | Extraction and GC-MS or LC-MS/MS analysis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | N,N-Ethylenethiourea | 96-45-7 | LC-MS/MS analysis or GC-MS analisis | 1 | LC-MS/MS analysis or GC-MS analisis | 10 | LC-MS/MS analysis or GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | dinitrobenzenes | 99-65-0 | Solvent extraction, and GC-MS analisis | 1 | Solvent extraction, and GC-MS analisis | 10 | Solvent extraction, and GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | DMFu, Dimethyl Fumarate | 624-49-7 | CEN ISO/TS 16186:2012 | 0,05 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Fluorinated greenhouse gases (F-gases) as per Regulation (EC) No 842/2006 | Various | Purge and trap - thermal desorption or SPME followed by GC/MS | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Ozone-Depleting Substances as per Regulation (EC) No 1005/2009 | Various | GC/MS headspace | 5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Sulfide | Various | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 10530 | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Sulfite | Various | Best current testing technology using lowest detection/reporting limits always updated and applied | | ISO 10304-3 | 200 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Bitumen | 64742-93-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Coal Tar oil | 65996-82-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | erionite | 12510-42-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Actinolite | 77536-66-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Amosite | 12172-73-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Anthophyllite | 77536-67-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Chrysotile | 12001-29-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Chrysotile | 132207-32-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Others | Crocidolite | 12001-28-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Tremolite | 77536-68-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Tremolite | 14567-73-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Propane sultone [1,3-propanesultone2,2-dioxide] | 1120-71-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | dimethylsulfamoylchloride | 13360-57-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Aziridine [Ethyleneimine] | 151-56-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | aziridine, 2-methyl | 75-55-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | pitch | 61789-60-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | petroleum naphtha | 64741-41-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | distillates (petroleum), solvent-refined (mild) heavy paraffinic (9ci) | 64741-88-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | distillates (petroleum), solvent-refined (mild) light paraffinic (9ci) | 64741-89-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | extracts, petroleum, heavy naphthenic distillate solvent | 64742-11-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | distillates, petroleum, chemically neutralized middle | 64742-30-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | hydrotreated light straight run (petroleum) | 64742-49-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | distillates (petroleum), hydrotreated (mild) heavy naphthenic (9ci) | 64742-52-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | (hydrotreated heavy paraffinic petroleum distillatesmineral oil) | 64742-54-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Others | solvent-dewaxed heavy paraffinic petroleum distillates | 64742-65-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | aromatic naphtha, type 1 | 64742-95-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | aromatic petroleum derivative solvent | 68477-31-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | petrolatum | 8009-03-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | naphtha | 8030-30-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Silica (particles of respirable size) | 14808-60-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Silica (particles of respirable size) | 14464-46-1 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Silica (particles of respirable size) | 7631-86-11 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Carbon black | 1333-86-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1 methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4 | 183196-57-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Hydrazine | 302-01-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | phenylhydrazinium sulphate (21) | 52033-74-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Thioacetamide | 62-55-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Thiourea | 62-56-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | musk xylene | 81-15-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Others | Asbertos - 1332-21-4 and others | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Solvents | 2-methoxypropyl acetate | 70657-70-4 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Other Solvents | 1,2-dibromoethane | 106-93-4 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | 2-methoxypropanol | 1589-47-5 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | Cyclododecane | 294-62-2 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | hexamethylphosphoramide (HEMPA) | 680-31-9 | Extraction and LC-MS/MS analysis | 0,1 | Extraction and LC-MS/MS analysis | 1 | Extraction and LC-MS/MS analysis | 0,1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | formamide | 75-12-7 | Extraction and GC-MS analysis | 10 | Extraction and GC-MS analysis | 100 | Extraction and GC-MS analysis | 10 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | Carbon disulfide | 75-15-0 | GC-MS analisys | 1 | GC-MS analisis | 10 | GC-MS analisis | 1 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | 2-phenyl-2-propanole | 617-94-7 | GC/MS analisys | 25 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Solvents | Nitrilotriacetic acid | 139-13-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| Other Dyes | (methylenebis(4,1-phenylenazo(1-(3(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4methyl-2-oxopyridine-5,3-diyl)))-1,1'-dipyridinium dichloride dihydrochloride | 118658-99-4 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Disperse Yellow 3 | 2832-40-8 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Direct Blue 218 | 28407-37-6 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I Acid Red 26 | 3761-53-3 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Pigment Red 53 (1 (C.I. 15585:1); D&C Red No. 9 | 5160-02-1 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Solvent Yellow 2 | 60-11-7 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Dyes | C.I. Solvent Yellow 14 | 842-07-9 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Disperse Orange 149 | 85136-74-9 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | diaminotoluene | 25376-45-8 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | N,N'-Diacetylbenzidine | 613-35-4 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | toluene-2,4-diammonium sulphate | 65321-67-7 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Diaminobenzidine [biphenyl-3,3',4,4' tetrayltetraamine] | 91-95-2 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Basic Green 4 leuco base | 129-73-7 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Pigment Red 53; D&C Red No. 8 | 2092-56-0 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Auramine hydrochloride | 2465-27-2 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Disperse Blue 1 | 2475-45-8 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Pigment Brown 22 | 29398-96-7 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Pigment Red 168 | 4378-61-4 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Disperse Orange 11 | 82-28-0 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I Acid Violet 49 | 1694-09-3 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. Basic Violet 3 | 548-62-9 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Dyes | C.I. Basic Red 9 | 569-61-9 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. 77332, C.I. Pigment Black 25, cobalt nickel gray periclase | 68186-89-0 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | C.I. 77900, C.I. Pigment Yellow 157, nickel barium titanium primrose priderite | 68610-24-2 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | D&C Red No. 19 | 81-88-9 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | anthraquinone, 1-hydroxy | 129-43-1 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | 3-amino-9-ethyl carbazole, 9-ethylcarbazol-3-ylamine | 132-32-1 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | 4-amino-3-fluorophenol | 399-95-1 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | 4,4-isobutylethylidenediphenol | 6807-17-6 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Dimethylcarbamoyl chloride | 79-44-7 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Anthraquinone | 84-65-1 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | Carbazole | 86-74-8 | Solvent extraction and LC-MS analysis | 0,1 | Solid-phase extraction LC-MS analysis | 10 | Solvent extraction and LC-MS analysis | 0,1 | LC | 250 |
| Other Dyes | quinoline | 91-22-5 | Solvent extraction and LC-MS analysis | 0,01 | Solid-phase extraction LC-MS analysis | 1 | Solvent extraction and LC-MS analysis | 0,01 | LC | 250 |
| Other Dyes | potassium bromate | 7758-01-2 | ion exchange chromatography | 1 | ion exchange chromatography | 10 | ion exchange chromatography | 1 | LC | 250 |
| Other Dyes | Disperse Orange 76/37 | 12223-33-5 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Direct Brown 95 | 16071-86-6 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | C.I. Disperse Orange 59 | 51811-42-8 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Dyes | C.I. Disperse Yellow 56 | 54077-16-6 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol | 561-41-1 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 35 | 56524-76-6 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | C.I. Disperse Red 151 | 61968-47-6 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Yellow 23 | 6250-23-3 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | C.I. Disperse Yellow 7 | 6300-37-4 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | C.I. Solvent Blue 4 | 6786-83-0 | DIN 54231:2005 | 15 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Navy Blue incl C39H23ClCrN7012S C46H30CrN10O20S2 | 118685-33-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Navy Blue Component 2: C46H30CrN10O20S2··3Na | Various | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | diazomethane | 334-88-3 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Basic Green 4 | 10309-95-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Yellow 1 | 119-15-3 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 35 | 12222-75-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 102 | 12222-97-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 106 | 12223-01-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Yellow 39 | 12236-29-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Dyes | Disperse Orange 37/59/76 | 13301-61-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Direct Black 38 | 1937-37-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Brown 1 | 23355-64-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Basic Green 4 (as oxalate) | 2437-29-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 3 | 2475-46-9 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Basic Blue 26 | 2580-56-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Orange 1 | 2581-69-3 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Direct Blue 6 | 2602-46-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Red 11 | 2872-48-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Red 1 | 2872-52-8 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Red 17 | 3179-89-3 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 7 | 3179-90-6 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Blue 26 | 3860-63-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Yellow 49 | 54824-37-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | C.I. Disperse Blue 35 | 56524-77-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Basic Green 4 (as chloride) | 569-64-2 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Other Dyes | Direct Red 28 | 573-58-0 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Basic Violet 14 | 632-99-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Yellow 9 | 6373-73-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Other Dyes | Disperse Orange 3 | 730-40-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | LC | 250 |
| Glycols | Ethylene glycol | 107-21-1 | Headspace and GC-MS analysis | 0,01 | Headspace and GC-MS analysis | 0,1 | Headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | Ethylene glycol monomethyl ether | 109-86-4 | Solvent extraction or headspace and GC-MS analysis | 0,01 | headspace and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | Ethylene glycol monomethyl ether acetate; 2-Methoxyethyl acetate | 110-49-6 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | 1,2-dimethoxyethane; ethylene glycol dimethyl ether; EGDME | 110-71-4 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | Ethylene glycol monoethyl ester | 110-80-5 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | 2-ethoxyethylacetate | 111-15-9 | Solvent extraction and GC-MS or LC-MS/MS analysis | 0,01 | Solid-phase extraction and LC-MS/MS GC-MS or LC-MS/MS analysis | 0,1 | Solvent extraction and GC-MS or LC-MS/MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | Bis-(2-methoxyethyl) ether | 111-96-6 | Solvent extraction and GC-MS or LC-MS/MS analysis | 0,01 | Solid-phase extraction and LC-MS/MS GC-MS or LC-MS/MS analysis | 0,1 | Solvent extraction and GC-MS or LC-MS/MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | Glycol; triglyme (TEGDME) | 112-49-2 | Solvent extraction and LC-MS/MS analysis | 0,1 | Solid-phase extraction and LC-MS/MS analysis | 1 | Solvent extraction and LC-MS/MS analysis | 0,1 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| Glycols | 1,2-diethoxyethane | 629-14-1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Headspace and GC-MS analysis | 0,1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | High-performance liquid chromatography (HPLC), LC- MS | 50 |
| N-nitrosamines | N-Nitrosodiethanolamine | 1116-54-7 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosodiethylamine (NDEA) | 55-18-5 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosomorpholine (NMOR) | 59-89-2 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| N-nitrosamines | N-nitroso N-methyl N-phenylamine (NMPhA); N-Methyl-N-nitrosoanilin | 614-00-6 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosodiphenylamine | 86-30-6 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosodi-n-butylamine (NDBA) | 924-16-3 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosopiperidine (NPIP) | 100-75-4 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosomethylethylamine | 10595-95-6 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-nitroso-N-ethyl-N-phenylamine (NEPhA); N-Ethyl-N-nitrosoanilin | 612-64-6 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosodimethylamine (NDMA) | 62-75-9 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosodi-n-propylamine (NDPA) | 621-64-7 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Methyl-N'-nitro-N-nitrosoguanidine | 70-25-7 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | N-Nitrosopyrrolidine (NPYR) | 930-55-2 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| N-nitrosamines | p-Nitrosodiphenylamine | 156-10-5 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Solvent extraction, and GC-MS/MS analysis | 1 | Solvent extraction, and GC-MS/MS analysis | 0,25 | Not applicable | |
| PAHs | benzo[a]pyrene (BaP)<br>benzo[def]chrysene | 50-32-8 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | GC-MS | 20 |
| PAHs | Anthracene | 120-12-7 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Pyrene | 129-00-0 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Polycyclic Aromatic Compounds (PACs) | 130498-29-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Benzo[ghi]perylene | 191-24-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| PAHs | benzo[e]pyrene(BeP) | 192-97-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Indeno[1,2,3-cd]pyren | 193-39-5 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | benzo[j]fluoranthene(BjFA) | 205-82-3 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Benzo[b]fluoranthene(BbFA) | 205-99-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Fluoranthene | 206-44-0 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Benzo[k]fluoranthene(BkFA) | 207-08-9 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Acenaphthylen | 208-96-8 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | 9,10-Benzophenanthren | 217-59-4 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Chrysene(CHR) | 218-01-9 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | GC-MS | Sum 200 |
| PAHs | Dibenz[a,h]anthracene(DBAhA) | 53-70-3 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Benz[a]anthracene(BaA) | 56-55-3 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Coal tar pitch | 65996-93-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Acenaphthene | 83-32-9 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Phenanthrene | 85-01-8 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Fluorene | 86-73-7 | Solvent extraction and GC-MS/MS analysis | 0,01 | US EPA 8270, DIN 38407-39 | 1 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Anthracene oil | 90640-80-5 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| PAHs | Anthracene oil, anthracene paste | 90640-81-6 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Anthracene oil, anthracenelow | 90640-82-7 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Naphtalene | 91-20-3 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| PAHs | Anthracene oil, anthracene paste, distn. Lights | 91995-17-4 | Solvent extraction and GC-MS/MS analysis | 0,01 | Solid-phase extraction and GC-MS/MS analysis | 0,5 | Solvent extraction and GC-MS/MS analysis | 0,01 | | |
| Pesticides & Biocides | Epoxy-heptachlorine | 1024-57-3 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | methamidophos | 10265-92-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dichlofluanide | 1085-98-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Endosulfan (thiosulfan) | 115-29-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dicofol | 115-32-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dichlorprop | 120-36-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Malathion | 121-75-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Quinalphos | 13593-03-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dicrotophos | 141-66-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Kepone (Chlordecone) | 143-50-0 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | trifluralin | 1582-09-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Pesticides & Biocides | Pentachloroanisole | 1825-21-4 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Chlorthalonil | 1897-45-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Mirex | 2385-85-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | captafol | 2425-06-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | azinphos-ethyl | 2642-71-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Telodrin | 297-78-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Methyl parathion | 298-00-0 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Aldrin | 309-00-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Propetamphos | 31218-83-4 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | α-hexachlorocyclohexane | 319-84-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | β-hexachlorocyclohexane | 319-85-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | δ-hexachlorocyclohexane | 319-86-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Endosulfan, beta | 33213-65-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | diazinon | 333-41-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | o, p'-dichlorodiphenyldichloroethane (o, p'-DDE) | 3424-82-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Profenophos | 41198-08-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Pesticides & Biocides | Kelevane | 4234-79-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Isodrin | 465-73-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | chlorfenvinphos | 470-90-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Bromophos-ethyl | 4824-78-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dichloro-diphenyl-trichloro ethane (DDT) | 50-29-3 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Chlorbenzilat | 510-15-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | fenvalerate | 51630-58-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | cypermethrin | 52315-07-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | deltamethrin | 52918-63-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | o, p'-dichlorodiphenyldichloroethane (o, p'-DDD) | 53-19-0 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Ethyl parathion | 56-38-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Coumafos | 56-72-4 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Chlordane | 57-74-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Lindane | 58-89-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | dimethoate | 60-51-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dieldrin | 60-57-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides & Biocides | Clorodimeform | 6164-98-3 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Carbaryl | 63-25-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | 4,6-Dichloro-7 (2,4,5-trichloro-phenoxy) 0-2-trifluoro methyl benz-imidazole | 63405-99-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | esfenvalerate | 66230-04-4 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | cyfluthrin | 68359-37-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | monocrotophos | 6923-22-4 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Endrine | 72-20-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Methoxychlor | 72-43-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dichloro-diphenyl-dichloro ethane (DDD) | 72-54-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dichloro-diphenyl-dichloro ethylene (DDE) | 72-55-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Perthane | 72-56-0 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Tolylfluanide | 731-27-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | heptachlor | 76-44-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | dichloro[(dichlorophenyl)methyl]methyl benzene (Ugilec141) | 76253-60-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Lead hydrogen arsenate | 7784-40-9 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Mevinofos (Fosdrin) | 7786-34-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Pesticides & Biocides | DEF | 78-48-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | o, p'-dichlorodiphenyldichloroethane (o, p'-DDT) and its isomers; | 789-02-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Toxaphene | 8001-35-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Strobane | 8001-50-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Benzene,1,1'-methylenebis-, dichloro monomethyl deriv (Ugilec121 or Ugilec21) | 81161-70-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Quintozene | 82-68-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | azinphos-ethyl | 86-50-0 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Dinoseb and salt | 88-85-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Cyhalothrin, lambda | 91465-08-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | mecoprop | 93-65-2 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | 2-(2,4,5-trichlorophenoxy) propionic acid, its salts and compounds | 93-72-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | 2,4,5-trichlorophenoxyacetic acid | 93-76-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | MCPA (2-methyl-4-chlorophenoxy acetic acid) | 94-74-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | 2,4-dichloro phenoxy acetic acid, its salts and compounds | 94-75-7 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | MCPB (4- (4-chloro-or-tolylossi) butyric acid | 94-81-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Endosulfan, alpha | 959-98-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |

| Group of substances | Substance | Cas-Nr | Output: Product | DL: | Output: Waste water | DL: | Output: Sludge | DL: | Input: Chemical Formulations | DL: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Test Method | mg/kg | Test Method | µg/l | Test Method | mg/kg | Test Method | mg/kg |
| Pesticides & Biocides | DBBT - Monomethyl-dibromo-diphenyl methane | 99688-47-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Halogenated diarylalkanes | Various | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Pesticides & Biocides | Halogenated terphenols, including Polychlorinated terphenyls (PCT) | Various | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Not applicable | |
| Formaldehyde | Formaldehyde | 50-00-0 | Extraction, derivatization with DNPH and LC-MS/MS analysis | 0,5 | derivatization with DNPH and LC-MS/MS analysis | 10 | Extraction, derivatization with DNPH and LC-MS/MS analysis | 0,5 | Best current testing technology using lowest detection/reporting limits always updated and applied | |
| VOCs - Volatile Organic Compounds | Benzene | 71-43-2 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Ethanol | 64-17-5 | Headspace and GC-FID analysis | 0,01 | Headspace and GC-FID analysis | 1 | Headspace and GC-FID analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Bromoethane | 74-96-4 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | 2-bromopropane | 75-26-3 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Ethylbenzene | 100-41-4 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Toluene | 108-88-3 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | N,N-dimethylacetamide | 127-19-5 | Solvent extraction and GC-MS analysis | 1 | Solvent extraction and GC-MS analysis | 10 | Solvent extraction and GC-MS analysis | 1 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | N,N-dimethyl formamide (DMF(A)) | 68-12-2 | Solvent extraction and GC-MS analysis | 1 | Solvent extraction and GC-MS analysis | 10 | Solvent extraction and GC-MS analysis | 1 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | 1-methyl-2-pyrrolidone | 872-50-4 | Solvent extraction and GC-MS analysis | 1 | Solvent extraction and GC-MS analysis | 10 | Solvent extraction and GC-MS analysis | 1 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Methyl isobutyl ketone | 108-10-1 | Headspace and GC-MS analysis | 0,01 | Headspace and GC-MS analysis | 1 | Headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Furan | 110-00-9 | Headspace and GC-MS analysis | 0,01 | headspace and GC-MS analysis | 1 | Headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | N-methylformamide | 123-39-7 | Solvent extraction and GC-MS analysis | 1 | Solvent extraction and GC-MS analysis | 10 | Solvent extraction and GC-MS analysis | 1 | GC-MS | 50 |

| Group of substances | Substance | Cas-Nr | Output: Product<br>Test Method | DL:<br>mg/kg | Output: Waste water<br>Test Method | DL:<br>µg/l | Output: Sludge<br>Test Method | DL:<br>mg/kg | Input: Chemical Formulations<br>Test Method | DL:<br>mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| VOCs - Volatile Organic Compounds | 1,4-Dioxane | 123-91-1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | Solid-phase extraction or headspace and GC-MS analysis | 1 | Solvent extraction or headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Methanol | 67-56-1 | Headspace and GC-FID analysis | 0,1 | Headspace and GC-FID analysis | 1 | Headspace and GC-FID analysis | 0,1 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Styrene | 100-42-5 | Headspace and GC-MS analysis | 0,01 | Headspace and GC-MS analysis | 1 | Headspace and GC-MS analysis | 0,01 | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Acetophenone | 98-86-2 | GC/MS analisys | 25 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 50 |
| VOCs - Volatile Organic Compounds | Xylene | 1330-20-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 500 |
| VOCs - Volatile Organic Compounds | o-cresol | 95-48-7 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 500 |
| VOCs - Volatile Organic Compounds | p-cresol | 106-44-5 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 500 |
| VOCs - Volatile Organic Compounds | m-cresol | 108-39-4 | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | Best current testing technology using lowest detection/reporting limits always updated and applied | | GC-MS | 500 |