| Determinant | Assessment Criteria (mg/kg) | |
|---|---|---|
| | C4SL Screening Levels | S4UL Generic Assessment Criteria |
| **Metals, semi- metals and non-metals** | | |
| Arsenic | 37 | 37 |
| Cadmium | 17 | 10 |
| Copper | NC | 2400 |
| Chromium III | NC | 910 |
| Lead | 200 | NC |
| Mercury (elemental) | NC | 1 |
| Nickel | NC | 130 |
| Selenium | NC | 350 |
| Zinc | NC | 3700 |
| PAH (total) | NC | NC |
| TPH (total) | NC | NC |
| Naphthalene | NC | 1.5 |
| Acenaphthylene | NC | 170 |
| Acenaphthene | NC | 210 |
| Fluorene | NC | 170 |
| Phenanthrene | NC | 95 |
| Anthracene | NC | 2400 |
| Fluoranthene | NC | 280 |
| Pyrene | NC | 620 |
| Benzo(a)anthracene | NC | 7.2 |
| Chrysene | NC | 15 |
| Benzo(b)fluoranthene | NC | 2.6 |
| Benzo(k)fluoranthene | NC | 77 |
| Benzo(a)pyrene | 3.2 | 2.2 |
| Indeno(1,2,3-c,d)Pyrene | NC | 2.3 |
| Dibenzo(a,h)anthracene | NC | 0.24 |
| Benzo(g,h,i)perylene | NC | 320 |
| **Others** | | |
| Cyanide (total)* | NC | 5 |
| Asbestos | NC | NC |
| **Speciated TPH** | | |
| Aliphatic EC5-6 | NC | 30 |
| Aliphatic EC6-8 | NC | 73 |
| Aliphatic EC8-10 | NC | 19 |
| Aliphatic EC10-12 | NC | 93 (48) |
| Aliphatic EC12-16 | NC | 740 (24) |
| Aliphatic EC16-35 | NC | 45000 (8.48) |
| Aliphatic EC35-44 | NC | 45000 (8.48) |
| Aromatic EC5-7 | NC | 65 |
| Aromatic EC7-8 | NC | 120 |
| Aromatic EC8-10 | NC | 27 |
| Aromatic EC10-12 | NC | 69 |
| Aromatic EC12-16 | NC | 140 |
| Aromatic EC16-21 | NC | 250 |
| Aromatic EC21-35 | NC | 890 |
| Aromatic EC35-44 | NC | 890 |

| Determinant | Assessment Criteria (mg/kg) | |
|---|---|---|
| | C4SL Screening Levels | S4UL Generic Assessment Criteria |

**NOTES:**

(1) C4SL/LQM S4UL 2015 for Residential with gardens land use scenario at 1% organic matter content

(2) *= Dutch Target value used as screening value for cyanide.

(3) NC = No criterion.