

Solids sampling and analysis

Note: This includes various types of solids, including soil and wastes.

| Parameter monitored | Standard methodology used | Detection limit | Is this company accredited for this test? ¹ |
|---|--|-----------------|--|
| Anions: F⁻, Cl⁻, NO₃⁻, SO₄²⁻ | UNI EN 12457-2:2004 + APAT CNR IRSA 4020 Man 29 2003 | 0.1 mg/kg | Yes |
| PAH | CNR IRSA 25a Q 64 vol 3 1998 | 0.1 µg/kg | Yes |
| PCB and PCT | CNR IRSA 24b Q 64 vol 3 1988 | 0.1 µg/kg | Yes |
| BTEX | CNR IRSA 23b Q 64 vol 3 1990 | 0.1 µg/kg | Yes |
| Chlorinated hydrocarbons | CNR IRSA 23a Q 64 vol 3 1990 | 0.1 µg/kg | Yes |
| Hydrocarbons | C12 - C40 EPA 3550C 2007 + EPA 8015C 2007 | 0.1 µg/kg | Yes |

| Parameter monitored | Standard methodology used | | Detection limit | Is this company accredited for this test? ¹ |
|---------------------|--|--|-----------------|--|
| | Metals in solid | Metals in leachate | | |
| Cd | CNR IRSA 10 Q 64 Vol 3 1985 + APAT CNR IRSA 3120B Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3120 B Man 29 2003 | 0.1 mg/kg | Yes |
| Co | CNR IRSA 10 Q 64 Vol 3 1985 + APAT CNR IRSA 3140A Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3140A Man 29 2003 | 0.1 mg/kg | Yes |
| Cr | CNR IRSA 10 Q 64 Vol 3 1985 + APAT CNR IRSA 3150B1 Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3150B1 Man 29 2003 | 0.1 mg/kg | Yes |
| Cr VI | CNR IRSA 16 Q 64 Vol. 3 1986 + APAT CNR IRSA 3150C Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3150C Man 29 2003 | 0.1 mg/kg | Yes |
| Cu | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3250B Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3250B Man 29 2003 | 0.1 mg/kg | Yes |
| Fe | EPA 3051A 2007 + APAT CNR IRSA 3160 Man 29 2003 | - | 0.1 mg/kg | Yes |
| Mn | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3190 A Man 29 2003 | - | 0.1 mg/kg | Yes |
| Mo | CNR IRSA 10 Q 64 Vol 3 1985 + APAT CNR IRSA 3210A Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3210A Man 29 2003 | 0.1 mg/kg | Yes |
| Ni | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3220B Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3220B Man 29 2003 | 0.1 mg/kg | Yes |

¹ Accredited tests are subcontracted

| Parameter monitored | Standard methodology used | | Detection limit | Is this company accredited for this test? 1 |
|---------------------|---|---|-----------------|--|
| | Metals in solid | Metals in leachate | | |
| Pb | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3230B Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3230B Man 29 2003 | 0.1 mg/kg | Yes |
| Sb | CNR IRSA 10 Q 64 Vol 3 1985 + APAT CNR IRSA 3060A Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3060A Man 29 2003 | 0.1 mg/kg | Yes |
| Sn | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3280B Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3280B Man 29 2003 | 0.1 mg/kg | Yes |
| V | EPA 3051A 2007 + APAT CNR IRSA 3310A Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3310A Man 29 2003 | 0.1 mg/kg | Yes |
| Zn | CNR IRSA 10 Q 64 vol 3 1985 + APAT CNR IRSA 3320A Man 29 2003 | UNI EN 12457-2:2004 + APAT CNR IRSA 3320A Man 29 2003 | 0.1 mg/kg | Yes |