

## Soil

Art. ID                   NCS DC73323a  
Unit                       70 g  
Deliverydetails        No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
|                  | Silver (Ag)       | [7440-22-4] | 4,6 ± 0,3           | µg/g |        |        |
|                  | Arsenic (As)      | [7440-38-2] | 242 ± 16            | µg/g |        |        |
|                  | Boron (B)         | [7440-42-8] | 108 ± 8             | µg/g |        |        |
|                  | Barium (Ba)       | [7440-39-3] | 343 ± 15            | µg/g |        |        |
|                  | Beryllium (Be)    | [7440-41-7] | 1,8 ± 0,2           | µg/g |        |        |
|                  | Bismuth (Bi)      | [7440-69-9] | 23 ± 2              | µg/g |        |        |
|                  | Bromine (Br)      | [7726-95-6] | ~1,5                | µg/g |        |        |
|                  | Cadmium (Cd)      | [7440-43-9] | 0,16 ± 0,03         | µg/g |        |        |
|                  | Cerium (Ce)       | [7440-45-1] | 85 ± 5              | µg/g |        |        |
|                  | Chlorine (Cl)     | [7782-50-5] | ~31                 | µg/g |        |        |
|                  | Cobalt (Co)       | [7440-48-4] | 18 ± 2              | µg/g |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 113 ± 7             | µg/g |        |        |
|                  | Caesium (Cs)      | [7440-46-2] | 18 ± 2              | µg/g |        |        |
|                  | Copper (Cu)       | [7440-50-8] | 147 ± 10            | µg/g |        |        |
|                  | Dysprosium (Dy)   | [7429-91-6] | 5,1 ± 0,4           | µg/g |        |        |
|                  | Erbium (Er)       | [7440-52-0] | 3,2 ± 0,3           | µg/g |        |        |
|                  | Europium (Eu)     | [7440-53-1] | 1,0 ± 0,24          | µg/g |        |        |
|                  | Fluorine (F)      | [7782-41-4] | 601 ± 25            | µg/g |        |        |
|                  | Gallium (Ga)      | [7440-55-3] | 25 ± 1              | µg/g |        |        |
|                  | Gadolinium (Gd)   | [7440-54-2] | 4,5 ± 0,6           | µg/g |        |        |
|                  | Germanium (Ge)    | [7440-56-4] | 2,3 ± 0,3           | µg/g |        |        |
|                  | Hafnium (Hf)      | [7440-58-6] | 8,3 ± 1,0           | µg/g |        |        |
|                  | Mercury (Hg)      | [7439-97-6] | 0,7 ± 0,1           | µg/g |        |        |
|                  | Holmium (Ho)      | [7440-60-0] | 1,1 ± 0,2           | µg/g |        |        |
|                  | Iodine (I)        | [7553-56-2] | 2,8 ± 0,3           | µg/g |        |        |
|                  | Indium (In)       | [7440-74-6] | 1,4 ± 0,2           | µg/g |        |        |
|                  | Lanthanum (La)    | [7439-91-0] | 35 ± 3              | µg/g |        |        |
|                  | Lithium (Li)      | [7439-93-2] | 51 ± 3              | µg/g |        |        |
|                  | Lutetium (Lu)     | [7439-94-3] | 0,49 ± 0,04         | µg/g |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,051 ± 0,002       | %    |        |        |
|                  | Molybdenum (Mo)   | [7439-98-7] | 2,3 ± 0,2           | µg/g |        |        |

|                                 |              |               |      |
|---------------------------------|--------------|---------------|------|
| Nitrogen (N)                    | [7727-37-9]  | 0,059 ± 0,005 | %    |
| Niobium (Nb)                    | [7440-03-1]  | 20 ± 2        | µg/g |
| Neodymium (Nd)                  | [7440-00-8]  | 27 ± 3        | µg/g |
| Nickel (Ni)                     | [7440-02-0]  | 38 ± 2        | µg/g |
| Phosphorus (P)                  | [7723-14-0]  | 353 ± 40      | µg/g |
| Lead (Pb)                       | [7439-92-1]  | 245 ± 14      | µg/g |
| Praseodymium (Pr)               | [7440-10-0]  | 7,3 ± 0,6     | µg/g |
| Rubidium (Rb)                   | [7440-17-7]  | 142 ± 6       | µg/g |
| Sulfur (S)                      | [7704-34-9]  | 839 ± 37      | µg/g |
| Antimony (Sb)                   | [7440-36-0]  | 14,9 ± 1,3    | µg/g |
| Scandium (Sc)                   | [7440-20-2]  | 16,9 ± 1,2    | µg/g |
| Selenium (Se)                   | [7782-49-2]  | 0,75 ± 0,12   | µg/g |
| Samarium (Sm)                   | [7440-19-9]  | 4,5 ± 0,3     | µg/g |
| Tin (Sn)                        | [7440-31-5]  | 7,2 ± 0,8     | µg/g |
| Strontium (Sr)                  | [7440-24-6]  | 39 ± 3        | µg/g |
| Tantalum (Ta)                   | [7440-25-7]  | 1,6 ± 0,3     | µg/g |
| Terbium (Tb)                    | [7440-27-9]  | 0,80 ± 0,07   | µg/g |
| Tellurium (Te)                  | [13494-80-9] | 6,6 ± 1,3     | µg/g |
| Thorium (Th)                    | [7440-29-1]  | 17,2 ± 1,7    | µg/g |
| Titanium (Ti)                   | [7440-32-6]  | 0,61 ± 0,03   | %    |
| Thallium (Tl)                   | [7440-28-0]  | 1,1 ± 0,1     | µg/g |
| Thulium (Tm)                    | [7440-30-4]  | 0,50 ± 0,05   | µg/g |
| Uranium (U)                     | [7440-61-1]  | 4,0 ± 0,4     | µg/g |
| Vanadium (V)                    | [7440-62-2]  | 136 ± 7       | µg/g |
| Tungsten (W)                    | [7440-33-7]  | 7,4 ± 0,6     | µg/g |
| Yttrium (Y)                     | [7440-65-5]  | 29 ± 2        | µg/g |
| Ytterbium (Yb)                  | [7440-64-4]  | 3,2 ± 0,3     | µg/g |
| Zinc (Zn)                       | [7440-66-6]  | 172 ± 7       | µg/g |
| Zirconium (Zr)                  | [7440-67-7]  | 272 ± 9       | µg/g |
| SiO <sub>2</sub>                |              | 61,52 ± 0,39  | %    |
| Al <sub>2</sub> O <sub>3</sub>  |              | 16,88 ± 0,15  | %    |
| TFe <sub>2</sub> O <sub>3</sub> |              | 9,8 ± 0,21    | %    |
| FeO                             |              | ~0,19         | %    |
| CaO                             |              | ~0,07         | %    |
| MgO                             | [1309-48-4]  | 0,70 ± 0,02   | %    |
| Na <sub>2</sub> O               |              | ~0,1          | %    |
| K <sub>2</sub> O                |              | 2,14 ± 0,06   | %    |
| H <sub>2</sub> O+               |              | 7,02 ± 0,37   | %    |

|                        |             |   |
|------------------------|-------------|---|
| Corg                   | ~0,2        | % |
| TC                     | ~0,2        | % |
| Loss on Ignition (LOI) | 7,22 ± 0,25 | % |