

**Kimberlite, CRM, (GBW07124) GSR-17**

Art. ID                      NCS DC71312  
Unit                         70 g (powder)  
Deliverydetails            No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter                          | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|--|-------------|---------------------|------|--------|--------|
|                  | Loss on Ignition (LOI)                     |             | 20,73               | %    |        |        |
|                  | Silver (Ag)                                | [7440-22-4] | ~ 0,000006          | %    |        |        |
|                  | Al <sub>2</sub> O <sub>3</sub>             |             | 3,73                | %    |        |        |
|                  | Arsenic (As)                               | [7440-38-2] | 0,00035             | %    |        |        |
|                  | Boron (B)                                  | [7440-42-8] | ~ 0,00318           | %    |        |        |
|                  | Barium (Ba)                                | [7440-39-3] | ~ 0,0000177         | %    |        |        |
|                  | Beryllium (Be)                             | [7440-41-7] | 0,00013             | %    |        |        |
|                  | Bismuth (Bi)                               | [7440-69-9] | ~ 0,00001           | %    |        |        |
|                  | CO <sub>2</sub>                            |             | ~ 16,78             | %    |        |        |
|                  | CaO  |             | 12,64               | %    |        |        |
|                  | Cadmium (Cd)                               | [7440-43-9] | 0,000046            | %    |        |        |
|                  | Cerium (Ce)                                | [7440-45-1] | 0,0127              | %    |        |        |
|                  | Chlorine (Cl)                              | [7782-50-5] | ~ 0,04              | %    |        |        |
|                  | Cobalt (Co)                                | [7440-48-4] | 0,004               | %    |        |        |
|                  | Chromium (Cr)                              | [7440-47-3] | 0,0795              | %    |        |        |
|                  | Caesium (Cs)                               | [7440-46-2] | 0,00052             | %    |        |        |
|                  | Copper (Cu)                                | [7440-50-8] | 0,00262             | %    |        |        |
|                  | Dysprosium (Dy)                            | [7429-91-6] | 0,00026             | %    |        |        |
|                  | Erbium (Er)                                | [7440-52-0] | ~ 0,00012           | %    |        |        |
|                  | Europium (Eu)                              | [7440-53-1] | 0,00016             | %    |        |        |
|                  | Fluorine (F)                               | [7782-41-4] | ~ 0,11              | %    |        |        |
|                  | FeO  |             | 3,71                | %    |        |        |
|                  | Total Fe as Fe <sub>2</sub> O <sub>3</sub> |             | ~ 6,53              | %    |        |        |
|                  | Gallium (Ga)                               | [7440-55-3] | 0,00071             | %    |        |        |
|                  | Gadolinium (Gd)                            | [7440-54-2] | 0,00047             | %    |        |        |
|                  | Germanium (Ge)                             | [7440-56-4] | 0,000089            | %    |        |        |
|                  | H <sub>2</sub> O+                          |             | ~ 4,47              | %    |        |        |
|                  | Hafnium (Hf)                               | [7440-58-6] | 0,00049             | %    |        |        |
|                  | Mercury (Hg)                               | [7439-97-6] | 0,000001            | %    |        |        |
|                  | Holmium (Ho)                               | [7440-60-0] | 0,000049            | %    |        |        |
|                  | K <sub>2</sub> O                           |             | 0,49                | %    |        |        |

|                               |             |            |   |
|-------------------------------|-------------|------------|---|
| Lanthanum (La)                | [7439-91-0] | 0,00698    | % |
| Lithium (Li)                  | [7439-93-2] | 0,00757    | % |
| Lutetium (Lu)                 | [7439-94-3] | 0,000016   | % |
| MgO                           | [1309-48-4] | 17,56      | % |
| Manganese (Mn)                | [7439-96-5] | ~ 0,09     | % |
| Molybdenum (Mo)               | [7439-98-7] | 0,00014    | % |
| Na <sub>2</sub> O             |             | ~ 0,1      | % |
| Niobium (Nb)                  | [7440-03-1] | 0,00604    | % |
| Neodymium (Nd)                | [7440-00-8] | 0,0049     | % |
| Nickel (Ni)                   | [7440-02-0] | 0,0516     | % |
| P <sub>2</sub> O <sub>5</sub> |             | 0,3        | % |
| Lead (Pb)                     | [7439-92-1] | 0,00207    | % |
| Praseodymium (Pr)             | [7440-10-0] | 0,00138    | % |
| Rubidium (Rb)                 | [7440-17-7] | 0,00284    | % |
| SO <sub>3</sub>               |             | 0,68       | % |
| Antimony (Sb)                 | [7440-36-0] | ~ 0,000022 | % |
| Scandium (Sc)                 | [7440-20-2] | 0,00109    | % |
| Selenium (Se)                 | [7782-49-2] | 0,00001    | % |
| SiO <sub>2</sub>              |             | 35,88      | % |
| Samarium (Sm)                 | [7440-19-9] | 0,00065    | % |
| Tin (Sn)                      | [7440-31-5] | 0,00017    | % |
| Strontium (Sr)                | [7440-24-6] | 0,0262     | % |
| Tantalum (Ta)                 | [7440-25-7] | 0,00039    | % |
| Terbium (Tb)                  | [7440-27-9] | 0,000054   | % |
| Thorium (Th)                  | [7440-29-1] | 0,00108    | % |
| TiO <sub>2</sub>              |             | 0,71       | % |
| Thulium (Tm)                  | [7440-30-4] | 0,000017   | % |
| Uranium (U)                   | [7440-61-1] | 0,00022    | % |
| Vanadium (V)                  | [7440-62-2] | 0,0086     | % |
| Tungsten (W)                  | [7440-33-7] | 0,00024    | % |
| Yttrium (Y)                   | [7440-65-5] | 0,00116    | % |
| Ytterbium (Yb)                | [7440-64-4] | 0,00011    | % |
| Zinc (Zn)                     | [7440-66-6] | 0,019      | % |
| Zirconium (Zr)                | [7440-67-7] | 0,0182     | % |