

## **Feldspar**

Art. ID                   GSJ-JF-1  
Unit                      100 g  
Deliverydetails        No Dangerous Good /not restricted

### **Description**

recommended or preferable values for major, minor and trace elements

| Text/Information | Analyte/Parameter                          | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|--|-------------|---------------------|------|--------|--------|
|                  | Silver (Ag)                                | [7440-22-4] | ~0,0000017          | %    |        |        |
|                  | Aluminium (Al)                             | [7429-90-5] | 9,57                | %    |        |        |
|                  | Al <sub>2</sub> O <sub>3</sub>             |             | 18,08               | %    |        |        |
|                  | Arsenic (As)                               | [7440-38-2] | ~0,000092           | %    |        |        |
|                  | Gold (Au)                                  | [7440-57-5] | ~0,000000011        | %    |        |        |
|                  | Boron (B)                                  | [7440-42-8] | ~0,00018            | %    |        |        |
|                  | Barium (Ba)                                | [7440-39-3] | 0,175               | %    |        |        |
|                  | Beryllium (Be)                             | [7440-41-7] | ~0,00013            | %    |        |        |
|                  | Carbon (C)                                 | [7440-44-0] | (<0,0020)           | %    |        |        |
|                  | Calcium (Ca)                               | [7440-70-2] | 0,66                | %    |        |        |
|                  | CaO  |             | 0,93                | %    |        |        |
|                  | Cadmium (Cd)                               | [7440-43-9] | ~0,0000003          | %    |        |        |
|                  | Cerium (Ce)                                | [7440-45-1] | 0,000419            | %    |        |        |
|                  | Cobalt (Co)                                | [7440-48-4] | 0,000012            | %    |        |        |
|                  | Chromium (Cr)                              | [7440-47-3] | 0,000548            | %    |        |        |
|                  | Caesium (Cs)                               | [7440-46-2] | 0,000209            | %    |        |        |
|                  | Copper (Cu)                                | [7440-50-8] | 0,000082            | %    |        |        |
|                  | Dysprosium (Dy)                            | [7429-91-6] | 0,000039            | %    |        |        |
|                  | Erbium (Er)                                | [7440-52-0] | 0,000031            | %    |        |        |
|                  | Europium (Eu)                              | [7440-53-1] | 0,000087            | %    |        |        |
|                  | Fluorine (F)                               | [7782-41-4] | ~0,0078             | %    |        |        |
|                  | Iron (Fe)                                  | [7439-89-6] | 0,06                | %    |        |        |
|                  | FeO  |             | (<0,04)             | %    |        |        |
|                  | Fe <sub>2</sub> O <sub>3</sub>             |             | 0,06                | %    |        |        |
|                  | Total Fe as Fe <sub>2</sub> O <sub>3</sub> |             | 0,08                | %    |        |        |
|                  | Gallium (Ga)                               | [7440-55-3] | 0,00174             | %    |        |        |
|                  | Gadolinium (Gd)                            | [7440-54-2] | 0,000093            | %    |        |        |
|                  | H <sub>2</sub> O                           |             | 0,13 (-)            | %    |        |        |
|                  | H <sub>2</sub> O+                          |             | 0,23                | %    |        |        |

|                               |             |               |   |
|-------------------------------|-------------|---------------|---|
| Hafnium (Hf)                  | [7440-58-6] | 0,000118      | % |
| Mercury (Hg)                  | [7439-97-6] | ~0,00000016   | % |
| Holmium (Ho)                  | [7440-60-0] | 0,000011      | % |
| Potassium (K)                 | [7440-09-7] | 8,29          | % |
| K <sub>2</sub> O              |             | 9,99          | % |
| Lanthanum (La)                | [7439-91-0] | 0,00028       | % |
| Lithium (Li)                  | [7439-93-2] | 0,000981      | % |
| Lutetium (Lu)                 | [7439-94-3] | 0,0000053     | % |
| Magnesium (Mg)                | [7439-95-4] | 0,004         | % |
| MgO                           | [1309-48-4] | 0,006         | % |
| Manganese (Mn)                | [7439-96-5] | 0,001         | % |
| MnO                           |             | 0,001         | % |
| Molybdenum (Mo)               | [7439-98-7] | ~0,00003      | % |
| Sodium (Na)                   | [7440-23-5] | 2,5           | % |
| Na <sub>2</sub> O             |             | 3,37          | % |
| Niobium (Nb)                  | [7440-03-1] | 0,000074      | % |
| Neodymium (Nd)                | [7440-00-8] | 0,000146      | % |
| Nickel (Ni)                   | [7440-02-0] | ~0,000136     | % |
| Phosphorus (P)                | [7723-14-0] | 0,004         | % |
| P <sub>2</sub> O <sub>5</sub> |             | 0,01          | % |
| Lead (Pb)                     | [7439-92-1] | 0,00334       | % |
| Palladium (Pd)                | [7440-05-3] | (<0,00000002) | % |
| Praseodymium (Pr)             | [7440-10-0] | 0,000048      | % |
| Platinum (Pt)                 | [7440-06-4] | (<0,00000005) | % |
| Rubidium (Rb)                 | [7440-17-7] | 0,0266        | % |
| Sulfur (S)                    | [7704-34-9] | (<0,0005)     | % |
| Antimony (Sb)                 | [7440-36-0] | ~0,0000055    | % |
| Scandium (Sc)                 | [7440-20-2] | 0,000023      | % |
| Silicon (Si)                  | [7440-21-3] | 31,17         | % |
| SiO <sub>2</sub>              |             | 66,69         | % |
| Samarium (Sm)                 | [7440-19-9] | 0,000041      | % |
| Tin (Sn)                      | [7440-31-5] | ~0,00003      | % |
| Strontium (Sr)                | [7440-24-6] | 0,0172        | % |
| Tantalum (Ta)                 | [7440-25-7] | 0,0000079     | % |
| Terbium (Tb)                  | [7440-27-9] | 0,0000076     | % |
| Thorium (Th)                  | [7440-29-1] | 0,000117      | % |
| Titanium (Ti)                 | [7440-32-6] | 0,003         | % |
| TiO <sub>2</sub>              |             | 0,005         | % |

|                |             |           |   |
|----------------|-------------|-----------|---|
| Thallium (Tl)  | [7440-28-0] | 0,000118  | % |
| Thulium (Tm)   | [7440-30-4] | ~0,000004 | % |
| Uranium (U)    | [7440-61-1] | 0,000033  | % |
| Vanadium (V)   | [7440-62-2] | 0,000543  | % |
| Tungsten (W)   | [7440-33-7] | ~0,00008  | % |
| Yttrium (Y)    | [7440-65-5] | 0,000284  | % |
| Ytterbium (Yb) | [7440-64-4] | 0,000034  | % |
| Zinc (Zn)      | [7440-66-6] | 0,000441  | % |
| Zirconium (Zr) | [7440-67-7] | 0,00386   | % |