

## **Carbonate Rock, CRM**

Art. ID                   NCS DC70305  
Unit                     50 g (powder)  
Deliverydetails        No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter                          | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|--|-------------|---------------------|------|--------|--------|
|                  | Loss on Ignition (LOI)                     |             | 45,73               | %    |        |        |
|                  | Silver (Ag)                                | [7440-22-4] | ~ 0,0000016         | %    |        |        |
|                  | Al <sub>2</sub> O <sub>3</sub>             |             | 0,29                | %    |        |        |
|                  | Arsenic (As)                               | [7440-38-2] | 0,000096            | %    |        |        |
|                  | Boron (B)                                  | [7440-42-8] | ~ 0,00064           | %    |        |        |
|                  | Barium (Ba)                                | [7440-39-3] | 0,52                | %    |        |        |
|                  | Beryllium (Be)                             | [7440-41-7] | 0,000008            | %    |        |        |
|                  | Bismuth (Bi)                               | [7440-69-9] | 0,0000025           | %    |        |        |
|                  | Bromine (Br)                               | [7726-95-6] | 0,00061             | %    |        |        |
|                  | Organic C                                  |             | ~ 0,07              | %    |        |        |
|                  | CO <sub>2</sub>                            |             | 45,58               | %    |        |        |
|                  | CaO  |             | 30,93               | %    |        |        |
|                  | Cadmium (Cd)                               | [7440-43-9] | 0,000002            | %    |        |        |
|                  | Cerium (Ce)                                | [7440-45-1] | 0,00025             | %    |        |        |
|                  | Chlorine (Cl)                              | [7782-50-5] | 0,0343              | %    |        |        |
|                  | Cobalt (Co)                                | [7440-48-4] | 0,000052            | %    |        |        |
|                  | Chromium (Cr)                              | [7440-47-3] | 0,00034             | %    |        |        |
|                  | Caesium (Cs)                               | [7440-46-2] | 0,000013            | %    |        |        |
|                  | Copper (Cu)                                | [7440-50-8] | 0,00028             | %    |        |        |
|                  | Dysprosium (Dy)                            | [7429-91-6] | 0,000017            | %    |        |        |
|                  | Erbium (Er)                                | [7440-52-0] | 0,00001             | %    |        |        |
|                  | Europium (Eu)                              | [7440-53-1] | 0,000014            | %    |        |        |
|                  | Fluorine (F)                               | [7782-41-4] | 0,0459              | %    |        |        |
|                  | FeO  |             | 0,07                | %    |        |        |
|                  | Total Fe as Fe <sub>2</sub> O <sub>3</sub> |             | 0,17                | %    |        |        |
|                  | Gallium (Ga)                               | [7440-55-3] | 0,000031            | %    |        |        |
|                  | Gadolinium (Gd)                            | [7440-54-2] | 0,000022            | %    |        |        |
|                  | Germanium (Ge)                             | [7440-56-4] | 0,000012            | %    |        |        |
|                  | H <sub>2</sub> O                           |             | (0,07 ~ )           | %    |        |        |
|                  | H <sub>2</sub> O+                          |             | 0,39                | %    |        |        |
|                  | Hafnium (Hf)                               | [7440-58-6] | 0,000013            | %    |        |        |

|                               |              |            |   |
|-------------------------------|--------------|------------|---|
| Mercury (Hg)                  | [7439-97-6]  | 0,0000006  | % |
| Holmium (Ho)                  | [7440-60-0]  | 0,0000034  | % |
| Iodine (I)                    | [7553-56-2]  | ~ 0,00002  | % |
| Indium (In)                   | [7440-74-6]  | ~ 0,000002 | % |
| K <sub>2</sub> O              |              | 0,16       | % |
| Lanthanum (La)                | [7439-91-0]  | 0,00013    | % |
| Lithium (Li)                  | [7439-93-2]  | 0,00031    | % |
| Lutetium (Lu)                 | [7439-94-3]  | 0,0000015  | % |
| MgO                           | [1309-48-4]  | 20,14      | % |
| Manganese (Mn)                | [7439-96-5]  | 0,0093     | % |
| MnO                           |              | 0,012      | % |
| Molybdenum (Mo)               | [7439-98-7]  | 0,000019   | % |
| Na <sub>2</sub> O             |              | 0,036      | % |
| Niobium (Nb)                  | [7440-03-1]  | 0,00004    | % |
| Neodymium (Nd)                | [7440-00-8]  | 0,00011    | % |
| Nickel (Ni)                   | [7440-02-0]  | 0,00029    | % |
| Phosphorus (P)                | [7723-14-0]  | 0,0155     | % |
| P <sub>2</sub> O <sub>5</sub> |              | 0,035      | % |
| Lead (Pb)                     | [7439-92-1]  | 0,00029    | % |
| Praseodymium (Pr)             | [7440-10-0]  | 0,000028   | % |
| Rubidium (Rb)                 | [7440-17-7]  | 0,00026    | % |
| SO <sub>3</sub>               |              | 0,33       | % |
| Antimony (Sb)                 | [7440-36-0]  | 0,000006   | % |
| Scandium (Sc)                 | [7440-20-2]  | 0,00004    | % |
| Selenium (Se)                 | [7782-49-2]  | 0,0000013  | % |
| SiO <sub>2</sub>              |              | 1,15       | % |
| Samarium (Sm)                 | [7440-19-9]  | 0,000026   | % |
| Tin (Sn)                      | [7440-31-5]  | ~ 0,00007  | % |
| Strontium (Sr)                | [7440-24-6]  | 0,0158     | % |
| Tantalum (Ta)                 | [7440-25-7]  | 0,000006   | % |
| Terbium (Tb)                  | [7440-27-9]  | 0,0000032  | % |
| Tellurium (Te)                | [13494-80-9] | 0,0000008  | % |
| Thorium (Th)                  | [7440-29-1]  | 0,000045   | % |
| Titanium (Ti)                 | [7440-32-6]  | 0,0078     | % |
| TiO <sub>2</sub>              |              | 0,013      | % |
| Thallium (Tl)                 | [7440-28-0]  | 0,000004   | % |
| Thulium (Tm)                  | [7440-30-4]  | 0,0000017  | % |
| Uranium (U)                   | [7440-61-1]  | 0,00007    | % |

|                |             |          |   |
|----------------|-------------|----------|---|
| Vanadium (V)   | [7440-62-2] | 0,00051  | % |
| Tungsten (W)   | [7440-33-7] | 0,000017 | % |
| Yttrium (Y)    | [7440-65-5] | 0,00011  | % |
| Ytterbium (Yb) | [7440-64-4] | 0,00001  | % |
| Zinc (Zn)      | [7440-66-6] | 0,00036  | % |
| Zirconium (Zr) | [7440-67-7] | 0,00049  | % |