

Low copper zinc cap material

Art. ID GEO-GBM323-5
Unit Powder 10g or 1 kg
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|-------------------|-------------|---------------------|------|-----------------------------|--------|
| Certified value | Nickel (Ni) | [7440-02-0] | 0,0075 | % | | |
| Certified value | Copper (Cu) | [7440-50-8] | 1,4364 | % | | |
| Certified value | Zinc (Zn) | [7440-66-6] | 3,0969 | % | | |
| Certified value | Lead | [7439-92-1] | 1,0556 | % | | |
| Certified value | Arsenic (As) | [7440-38-2] | 0,1257 | % | | |
| Certified value | Cobalt (Co) | [7440-48-4] | 0,0068 | % | | |
| Certified value | Silver (Ag) | [7440-22-4] | 0,0000019 | % | | |
| Certified value | Nickel (Ni) | [7440-02-0] | 0,0065 | % | Partial Digest (AR etc.) | |
| Certified value | Copper (Cu) | [7440-50-8] | 1,4392 | % | Partial Digest (AR etc.) | |
| Certified value | Zinc (Zn) | [7440-66-6] | 3,0788 | % | Partial Digest (AR etc.) | |
| Certified value | Lead | [7439-92-1] | 1,0663 | % | Partial Digest (AR etc.) | |
| Certified value | Arsenic (As) | [7440-38-2] | 0,1246 | % | Partial Digest (AR etc.) | |
| Certified value | Cobalt (Co) | [7440-48-4] | 0,0056 | % | Partial Digest (AR etc.) | |
| Certified value | Silver (Ag) | [7440-22-4] | 0,00193 | % | Partial Digest (AR etc.) | |
| Single analysis only - Not certified | Antimony (Sb) | [7440-36-0] | 0,0439 | % | Neutron activation analyses | |

| | | | | | |
|---|---------------|-------------|-----------|---|-------------------------------------|
| Single analysis only - Not certified | Arsenic (As) | [7440-38-2] | 0,13 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Barium (Ba) | [7440-39-3] | 0,0164 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Bromine (Br) | [7726-95-6] | <0,0002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cadmium (Cd) | [7440-43-9] | 0,00793 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cerium (Ce) | [7440-45-1] | 0,0037 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Caesium (Cs) | [7440-46-2] | 0,0002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Chromium (Cr) | [7440-47-3] | 0,00958 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cobalt (Co) | [7440-48-4] | 0,0071 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Europium (Eu) | [7440-53-1] | 0,00011 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Gold (Au) | [7440-57-5] | 0,111 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Hafnium (Hf) | [7440-58-6] | <0,0005 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Iridium (Ir) | [7439-88-5] | <0,000005 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Iron (Fe) | [7439-89-6] | 7,3 | % | Neutron ac tivation a |

| | | | | | | |
|---|-----------------|--------------|---------|---|-------------------------------------|---------|
| | | | | | | nalyses |
| Single analysis only - Not certified | Lanthanum (La) | [7439-91-0] | 0,0018 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Lutetium (Lu) | [7439-94-3] | 0,00004 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Molybdenum (Mo) | [7439-98-7] | 0,0031 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Nickel (Ni) | [7440-02-0] | <0,01 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Rubidium (Rb) | [7440-17-7] | 0,0086 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Samarium (Sm) | [7440-19-9] | 0,00042 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Scandium (Sc) | [7440-20-2] | 0,00201 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Selenium (Se) | [7782-49-2] | 0,00288 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Sodium (Na) | [7440-23-5] | 2,15 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Tantalum (Ta) | [7440-25-7] | <0,0002 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Tellurium (Te) | [13494-80-9] | <0,002 | % | Neutron ac tivation a nalyses | |
| Single analysis only - Not certified | Terbium (Tb) | [7440-27-9] | <0,0001 | % | Neutron ac tivation a nalyses | |
| Single analysis only - | Thorium (Th) | [7440-29-1] | 0,00099 | % | Neutron ac | |

| | | | | | |
|---|--------------------------------|-------------|---------|---|-------------------------------------|
| Not certified | | | | | tivation a nalyzes |
| Single analysis only - Not certified | Tin | [7440-31-5] | <0,02 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tungsten (W) | [7440-33-7] | <0,0002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Uranium (U) | [7440-61-1] | 0,0005 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Ytterbium (Yb) | [7440-64-4] | 0,00022 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zinc (Zn) | [7440-66-6] | 3,1 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zirconium (Zr) | [7440-67-7] | <0,05 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Silver (Ag) | [7440-22-4] | 0,002 | % | Neutron ac tivation a nalyzes |
| Indicative value | Iron (Fe) | [7439-89-6] | 6,38 | % | Fusion / X RF |
| Indicative value | SiO ₂ | | 52,3 | % | Fusion / X RF |
| Indicative value | Al ₂ O ₃ | | 12,68 | % | Fusion / X RF |
| Indicative value | TiO ₂ | | 1,1 | % | Fusion / X RF |
| Indicative value | MnO | | 0,14 | % | Fusion / X RF |
| Indicative value | CaO | | 5,44 | % | Fusion / X RF |
| Indicative value | Phosphorus (P) | [7723-14-0] | 0,059 | % | Fusion / X RF |
| Indicative value | Sulfur (S) | [7704-34-9] | 3,37 | % | Fusion / X |

| | | | | | |
|------------------|--|-------------|------|---|------------|
| | | | | | RF |
| Indicative value | MgO | [1309-48-4] | 3,22 | % | Fusion / X |
| | | | | | RF |
| Indicative value | K ₂ O | | 1,72 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Na ₂ O | | 3,04 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Loss on Ignition (L.O.I) (1000 °C) | | 2,02 | % | |