

Multimetal Ore, CRM, Powder 10g or 250g

Art. ID GEO-GBM317-2
Unit Powder 10g or 250g

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|-------------------|-------------|---------------------|------|-----------------------------|--------|
| Certified value | Nickel (Ni) | [7440-02-0] | 0,0011 | % | | |
| Certified value | Copper (Cu) | [7440-50-8] | 0,7414 | % | | |
| Certified value | Zinc (Zn) | [7440-66-6] | 0,2356 | % | | |
| Certified value | Lead | [7439-92-1] | 0,0338 | % | | |
| Certified value | Arsenic (As) | [7440-38-2] | 0,0166 | % | | |
| Certified value | Cobalt (Co) | [7440-48-4] | 0,0388 | % | | |
| Certified value | Silver (Ag) | [7440-22-4] | 0,0000007 | % | | |
| Certified value | Nickel (Ni) | [7440-02-0] | 0,0011 | % | Partial Digest (AR etc.) | |
| Certified value | Copper (Cu) | [7440-50-8] | 0,7287 | % | Partial Digest (AR etc.) | |
| Certified value | Zinc (Zn) | [7440-66-6] | 0,2227 | % | Partial Digest (AR etc.) | |
| Certified value | Lead | [7439-92-1] | 0,0338 | % | Partial Digest (AR etc.) | |
| Certified value | Arsenic (As) | [7440-38-2] | 0,0169 | % | Partial Digest (AR etc.) | |
| Certified value | Cobalt (Co) | [7440-48-4] | 0,0384 | % | Partial Digest (AR etc.) | |
| Certified value | Silver (Ag) | [7440-22-4] | 0,00076 | % | Partial Digest (AR etc.) | |
| Single analysis only - Not certified | Antimony (Sb) | [7440-36-0] | 0,00085 | % | Neutron activation analyses | |
| Single analysis only - | Arsenic (As) | [7440-38-2] | 0,018 | % | Neutron ac | |

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|---|---------------|-------------|-----------|---|-------------------------------------|
| Not certified | | | | | tivation a nalyzes |
| Single analysis only - Not certified | Barium (Ba) | [7440-39-3] | <0,005 | % | 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] | <0,001 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cerium (Ce) | [7440-45-1] | 0,0023 | % | 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] | <0,002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cobalt (Co) | [7440-48-4] | 0,0425 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Europium (Eu) | [7440-53-1] | 0,00012 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Gold (Au) | [7440-57-5] | 0,0285 | % | 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] | 28,8 | % | Neutron ac tivation a nalyzes |

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| Single analysis only - Not certified | Lanthanum (La) | [7439-91-0] | 0,0011 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Lutetium (Lu) | [7439-94-3] | 0,00004 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Molybdenum (Mo) | [7439-98-7] | <0,001 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Nickel (Ni) | [7440-02-0] | <0,002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Rubidium (Rb) | [7440-17-7] | <0,005 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Samarium (Sm) | [7440-19-9] | 0,00027 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Scandium (Sc) | [7440-20-2] | 0,00069 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Selenium (Se) | [7782-49-2] | 0,0017 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Sodium (Na) | [7440-23-5] | 0,12 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tantalum (Ta) | [7440-25-7] | <0,0002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tellurium (Te) | [13494-80-9] | <0,002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Terbium (Tb) | [7440-27-9] | <0,0001 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Thorium (Th) | [7440-29-1] | 0,00018 | % | Neutron ac tivation a |

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| | | | | | nalyses |
| Single analysis only - Not certified | Tin | [7440-31-5] | <0,02 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Tungsten (W) | [7440-33-7] | 0,0005 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Uranium (U) | [7440-61-1] | <0,0001 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Ytterbium (Yb) | [7440-64-4] | 0,00013 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Zinc (Zn) | [7440-66-6] | 0,27 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Zirconium (Zr) | [7440-67-7] | <0,05 | % | Neutron ac tivation a nalyses |
| Single analysis only - Not certified | Silver (Ag) | [7440-22-4] | 0,0007 | % | Neutron ac tivation a nalyses |
| Indicative value | Iron (Fe) | [7439-89-6] | 27,92 | % | Fusion / X RF |
| Indicative value | SiO ₂ | | 33,83 | % | Fusion / X RF |
| Indicative value | Al ₂ O ₃ | | 4,82 | % | Fusion / X RF |
| Indicative value | TiO ₂ | | 0,16 | % | Fusion / X RF |
| Indicative value | MnO | | 0,13 | % | Fusion / X RF |
| Indicative value | CaO | | 1,63 | % | Fusion / X RF |
| Indicative value | Phosphorus (P) | [7723-14-0] | 0,039 | % | Fusion / X RF |
| Indicative value | Sulfur (S) | [7704-34-9] | 16,8 | % | Fusion / X RF |

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|------------------|--|-------------|------|---|------------------|
| Indicative value | MgO | [1309-48-4] | 3,03 | % | Fusion / X RF |
| Indicative value | K ₂ O | | 0,21 | % | Fusion / X RF |
| Indicative value | Na ₂ O | | 0,15 | % | Fusion / X RF |
| Indicative value | Loss on Ignition (L.O.I) (1000 °C) | | 13,4 | % | |