

AlMgSc, disc, approx. 65 mm diameter and 30 mm height

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|-----------------|-----------------------------------|
| Art. ID | BAM-M320 |
| Unit | disc |
| Deliverydetails | No Dangerous Good /not restricted |

Description

The CRM is intended for establishing or checking the calibration of spark optical emission and X-ray spectrometers for the analysis of samples of similar matrix composition. The minimum sample size for wet chemical analysis is 0.2 g.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|--------|--------|
| Certified value | Silicon (Si) | [7440-21-3] | 0,197 ± 0,007 | % | | |
| Certified value | Iron (Fe) | [7439-89-6] | 0,206 ± 0,006 | % | | |
| Certified value | Copper (Cu) | [7440-50-8] | 0,147 ± 0,005 | % | | |
| Certified value | Manganese (Mn) | [7439-96-5] | 0,699 ± 0,008 | % | | |
| Certified value | Magnesium (Mg) | [7439-95-4] | 3,98 ± 0,08 | % | | |
| Certified value | Chromium (Cr) | [7440-47-3] | 0,1044 ± 0,0023 | % | | |
| Certified value | Zinc (Zn) | [7440-66-6] | 0,252 ± 0,006 | % | | |
| Certified value | Titanium (Ti) | [7440-32-6] | 0,102 ± 0,004 | % | | |
| Certified value | Gallium (Ga) | [7440-55-3] | 0,0208 ± 0,0008 | % | | |
| Certified value | Scandium (Sc) | [7440-20-2] | 0,282 ± 0,007 | % | | |
| Certified value | Zirconium (Zr) | [7440-67-7] | 0,102 ± 0,005 | % | | |
| Certified value | Nickel (Ni) | [7440-02-0] | 20,9 ± 1,3 | mg/kg | | |
| Certified value | Beryllium (Be) | [7440-41-7] | 22,4 ± 0,7 | mg/kg | | |
| Certified value | Calcium (Ca) | [7440-70-2] | 11,7 ± 2,2 | mg/kg | | |
| Certified value | Cadmium (Cd) | [7440-43-9] | 15,2 ± 1,9 | mg/kg | | |
| Certified value | Cobalt (Co) | [7440-48-4] | 20,9 ± 1,2 | mg/kg | | |
| Certified value | Lithium (Li) | [7439-93-2] | 9,1 ± 0,4 | mg/kg | | |
| Certified value | Sodium (Na) | [7440-23-5] | 6,4 ± 1,3 | mg/kg | | |
| Certified value | Lead (Pb) | [7439-92-1] | 44,8 ± 2,4 | mg/kg | | |
| Certified value | Tin (Sn) | [7440-31-5] | 45,6 ± 2,9 | mg/kg | | |
| Certified value | Vanadium (V) | [7440-62-2] | 75,9 ± 2,5 | mg/kg | | |