

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

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		