

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

Art. ID	BAM-M321
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]	0,049 ± 0,0022	%		
Certified value	Iron (Fe)	[7439-89-6]	0,0495 ± 0,0017	%		
Certified value	Copper (Cu)	[7440-50-8]	4,38 ± 0,06	%		
Certified value	Manganese (Mn)	[7439-96-5]	0,808 ± 0,01	%		
Certified value	Magnesium (Mg)	[7439-95-4]	1,51 ± 0,04	%		
Certified value	Chromium (Cr)	[7440-47-3]	0,0558 ± 0,0013	%		
Certified value	Nickel (Ni)	[7440-02-0]	0,0504 ± 0,0007	%		
Certified value	Zinc (Zn)	[7440-66-6]	0,147 ± 0,003	%		
Certified value	Titanium (Ti)	[7440-32-6]	0,0436 ± 0,0022	%		
Certified value	Scandium (Sc)	[7440-20-2]	0,0502 ± 0,002	%		
Certified value	Tin (Sn)	[7440-31-5]	0,0286 ± 0,001	%		
Certified value	Vanadium (V)	[7440-62-2]	0,0105 ± 0,0003	%		
Certified value	Zirconium (Zr)	[7440-67-7]	0,1554 ± 0,0026	%		
Certified value	Beryllium (Be)	[7440-41-7]	4,9 ± 0,2	mg/kg		
Certified value	Bismuth (Bi)	[7440-69-9]	323 ± 14	mg/kg		
Certified value	Calcium (Ca)	[7440-70-2]	5,2 ± 0,8	mg/kg		
Certified value	Cadmium (Cd)	[7440-43-9]	30 ± 4	mg/kg		
Certified value	Gallium (Ga)	[7440-55-3]	87,9 ± 2	mg/kg		
Certified value	Lithium (Li)	[7439-93-2]	5,8 ± 0,4	mg/kg		
Certified value	Sodium (Na)	[7440-23-5]	2,9 ± 0,9	mg/kg		
Certified value	Lead (Pb)	[7439-92-1]	99 ± 6	mg/kg		