

Aluminium base, CRM, Al MgSi_{0,5}, cylindrical disc ~60 mm x ~20 mm, Category A/DIN EN ISO 17034:2017 (D-RM-21383-01)

Art. ID SPE-2013-3
Unit disc
Deliverydetails No Dangerous Good /not restricted

Description

Certified Reference Materials which have been certified according to former methods. The accompanying certificates document the content of traceable elements, their respective uncertainty and homogeneity as well as the analytical uncertainty of measurement. Values vary from lot to lot - please ask for the certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Silicon (Si)	[7440-21-3]	0,520 ± 0,013	%		
Certified Value	Iron (Fe)	[7439-89-6]	0,209 ± 0,006	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,0772 ± 0,0021	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,0626 ± 0,0016	%		
Certified Value	Magnesium (Mg)	[7439-95-4]	0,510 ± 0,011	%		
Certified Value	Chromium (Cr)	[7440-47-3]	0,0186 ± 0,0010	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,0152 ± 0,0006	%		
Certified Value	Zinc (Zn)	[7440-66-6]	0,0269 ± 0,0013	%		
Certified Value	Titanium (Ti)	[7440-32-6]	0,0261 ± 0,0012	%		
Certified Value	Gallium (Ga)	[7440-55-3]	0,0197 ± 0,0007	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,0100 ± 0,0006	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,0173 ± 0,0009	%		
Mass Fraction	Boron (B)	[7440-42-8]	7 ± 4	mg/kg		
Mass Fraction	Beryllium (Be)	[7440-41-7]	9,3 ± 0,5	mg/kg		
Mass Fraction	Bismuth (Bi)	[7440-69-9]	60 ± 9	mg/kg		
Mass Fraction	Calcium (Ca)	[7440-70-2]	9,6 ± 0,9	mg/kg		
Mass Fraction	Cadmium (Cd)	[7440-43-9]	9,6 ± 1,2	mg/kg		
Mass Fraction	Cobalt (Co)	[7440-48-4]	11,6 ± 1,9	mg/kg		
Mass Fraction	Lithium (Li)	[7439-93-2]	8,7 ± 1,0	mg/kg		
Mass Fraction	Sodium (Na)	[7440-23-5]	4,1 ± 1,7	mg/kg		
Mass Fraction	Phosphorus (P)	[7723-14-0]	25 ± 6	mg/kg		
Mass Fraction	Lead (Pb)	[7439-92-1]	90 ± 6	mg/kg		
Mass Fraction	Antimony (Sb)	[7440-36-0]	27 ± 9	mg/kg		
Mass Fraction	Strontium (Sr)	[7440-24-6]	17,7 ± 1,7	mg/kg		
Mass Fraction	Zirconium (Zr)	[7440-67-7]	39,1 ± 1,4	mg/kg		