

## **Boron carbide powder**

Art. ID                   ERM-ED102  
Unit                       100 g  
Deliverydetails        No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Mass fraction	Aluminium (Al)	[7429-90-5]	157 ± 5	mg/kg		
Mass fraction	Calcium	[7440-70-2]	97 ± 8	mg/kg		
Mass fraction	Cobalt (Co)	[7440-48-4]	0,39 ± 0,09	mg/kg		
Mass fraction	Chromium (Cr)	[7440-47-3]	5,6 ± 1,2	mg/kg		
Mass fraction	Copper (Cu)	[7440-50-8]	2,2 ± 0,4	mg/kg		
Mass fraction	Iron (Fe)	[7439-89-6]	686 ± 22	mg/kg		
Mass fraction	Manganese (Mn)	[7439-96-5]	10,4 ± 0,5	mg/kg		
Mass fraction	Sodium (Na)	[7440-23-5]	6,3 ± 0,9	mg/kg		
Mass fraction	Nickel (Ni)	[7440-02-0]	8 ± 1,6	mg/kg		
Mass fraction	Silicon (Si)	[7440-21-3]	268 ± 22	mg/kg		
Mass fraction	Titanium (Ti)	[7440-32-6]	96 ± 5	mg/kg		
Mass fraction	Zirconium (Zr)	[7440-67-7]	48,9 ± 2,3	mg/kg		
Mass fraction	Total carbon		21,01 ± 0,28	%		
Mass fraction	Oxygen	[7782-44-7]	0,1 ± 0,04	%		
Mass fraction	Nitrogen (N)	[7727-37-9]	0,209 ± 0,026	%		
Mass fraction	Total Boron		78,47 ± 0,31	%		
Mass fraction	Soluble Boron		0,116 ± 0,013	%		
Mass fraction	Boron Oxide		0,075 ± 0,023	%		
Isotopic abundance	Boron (B)	[7440-42-8]	19,907 ± 0,014	%		