

Iron Base, Steel - Carbon, CRM, AISI 1045 / NS G10450, Disc 38 mm x 19 mm

Art. ID IARM-200D-G
Unit disc
Deliverydetails No Dangerous Good /not restricted

Description

Description and Intended Use: This CRM may come in the form of a solid disc or chips. The intended use of this CRM may include, but is not limited to, the calibration of instruments and the validation of analytical methods.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	0,004	%		
	Arsenic (As)	[7440-38-2]	0,0050	%		
	Boron (B)	[7440-42-8]	~0,0002	%		
	Carbon (C)	[7440-44-0]	0,453	%		
	Calcium (Ca)	[7440-70-2]	~0,0009	%		
	Cobalt (Co)	[7440-48-4]	0,007	%		
	Chromium (Cr)	[7440-47-3]	0,109	%		
	Copper (Cu)	[7440-50-8]	0,232	%		
	Manganese (Mn)	[7439-96-5]	0,749	%		
	Molybdenum (Mo)	[7439-98-7]	0,0217	%		
	Nitrogen (N)	[7727-37-9]	0,009	%		
	Niobium (Nb)	[7440-03-1]	0,0010	%		
	Nickel (Ni)	[7440-02-0]	0,097	%		
	Oxygen (O)	[7782-44-7]	~0,0040	%		
	Phosphorus (P)	[7723-14-0]	0,0103	%		
	Sulfur (S)	[7704-34-9]	0,024	%		
	Antimony (Sb)	[7440-36-0]	~0,0019	%		
	Silicon (Si)	[7440-21-3]	0,225	%		
	Tin (Sn)	[7440-31-5]	0,0079	%		
	Titanium (Ti)	[7440-32-6]	0,0013	%		
	Vanadium (V)	[7440-62-2]	0,0244	%		
	Tungsten (W)	[7440-33-7]	0,003	%		