

Iron Base, Steel - Low Alloy, CRM, AISI 4820 / UNS G48200, Disc 38 mm x 19 mm

Art. ID IARM-155F-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]	0,0356	%		
	Arsenic (As)	[7440-38-2]	0,006	%		
	Boron (B)	[7440-42-8]	~0,0004	%		
	Carbon (C)	[7440-44-0]	0,199	%		
	Calcium (Ca)	[7440-70-2]	<0,0010	%		
	Cobalt (Co)	[7440-48-4]	0,012	%		
	Chromium (Cr)	[7440-47-3]	0,144	%		
	Copper (Cu)	[7440-50-8]	0,219	%		
	Manganese (Mn)	[7439-96-5]	0,617	%		
	Molybdenum (Mo)	[7439-98-7]	0,244	%		
	Nitrogen (N)	[7727-37-9]	0,005	%		
	Niobium (Nb)	[7440-03-1]	0,0016	%		
	Nickel (Ni)	[7440-02-0]	3,36	%		
	Oxygen (O)	[7782-44-7]	0,003	%		
	Phosphorus (P)	[7723-14-0]	0,008	%		
	Sulfur (S)	[7704-34-9]	0,013	%		
	Antimony (Sb)	[7440-36-0]	<0,0030	%		
	Silicon (Si)	[7440-21-3]	0,223	%		
	Tin (Sn)	[7440-31-5]	0,0084	%		
	Titanium (Ti)	[7440-32-6]	0,0020	%		
	Vanadium (V)	[7440-62-2]	0,0015	%		
	Tungsten (W)	[7440-33-7]	0,004	%		
	Zirconium (Zr)	[7440-67-7]	~0,002	%		