

Certified Reference Material for Alloy Steel Grade 4320 - UNS Number G43200, disc 38mm D x 19mm

Art. ID BS-4320
Unit disc
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Aluminium (Al)	[7429-90-5]	0,024 ± 0,002	%		
Certified Value	Arsenic (As)	[7440-38-2]	0,0036 ± 0,0008	%		
Certified Value	Boron (B)	[7440-42-8]	0,0002 ± 0,0001	%		
Certified Value	Carbon (C)	[7440-44-0]	0,191 ± 0,009	%		
Certified Value	Calcium (Ca)	[7440-70-2]	0,0005 ± 0,0002	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,006 ± 0,0009	%		
Certified Value	Chromium (Cr)	[7440-47-3]	0,518 ± 0,009	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,05 ± 0,002	%		
Certified Value	Iron (Fe)	[7439-89-6]	96,4 ± 0,3	%		
Certified Value	Magnesium (Mg)	[7439-95-4]	0,0002 ± 0,0001	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,599 ± 0,009	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,228 ± 0,009	%		
Certified Value	Nitrogen (N)	[7727-37-9]	0,0049 ± 0,0004	%		
Certified Value	Nickel (Ni)	[7440-02-0]	1,73 ± 0,04	%		
Certified Value	Oxygen (O)	[7782-44-7]	0,0013 ± 0,0005	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,0068 ± 0,0009	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,0026 ± 0,0006	%		
Certified Value	Silicon (Si)	[7440-21-3]	0,259 ± 0,009	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,004 ± 0,0008	%		
Certified Value	Titanium (Ti)	[7440-32-6]	0,0009 ± 0,0004	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,0016 ± 0,0006	%		
Reference Value	Hydrogen (H)	[1333-74-0]	<0,005	%		
Reference Value	Niobium (Nb)	[7440-03-1]	<0,05	%		
Reference Value	Lead (Pb)	[7439-92-1]	<0,005	%		
Reference Value	Antimony (Sb)	[7440-36-0]	0,0015 ± 0,0009	%		
Reference Value	Tantalum (Ta)	[7440-25-7]	<0,05	%		
Reference Value	Tungsten (W)	[7440-33-7]	<0,05	%		
Reference Value	Zirconium (Zr)	[7440-67-7]	<0,05	%		