

## High Temperature Alloy Fe-Ni-Co, disc

Art. ID	NIST-1250
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is in the form of a disk approximately 32 mm (1 1/4 in) in diameter and 19 mm (3/4 in) thick, intended for use in optical emission and x-ray fluorescence spectrometric methods of analysis. Material from the same lot is available in the form of chips as NIST-868 for use in chemical methods of analysis. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	0,99	%		
	Boron (B)	[7440-42-8]	0,0078	%		
	Carbon (C)	[7440-44-0]	0,022	%		
	Chromium (Cr)	[7440-47-3]	0,077	%		
	Cobalt (Co)	[7440-48-4]	16,1	%		
	Copper (Cu)	[7440-50-8]	0,022	%		
	Iron (Fe)	[7439-89-6]	40,5	%		
	Manganese (Mn)	[7439-96-5]	0,052	%		
	Molybdenum (Mo)	[7439-98-7]	0,014	%		
	Nickel (Ni)	[7440-02-0]	37,78	%		
	Niobium (Nb)	[7440-03-1]	2,99	%		
	Phosphorus (P)	[7723-14-0]	<0,003	%		
	Silicon (Si)	[7440-21-3]	0,097	%		
	Sulfur (S)	[7704-34-9]	0,0025	%		
	Tantalum (Ta)	[7440-25-7]	0,003	%		
	Titanium (Ti)	[7440-32-6]	1,48	%		
	Vanadium (V)	[7440-62-2]	0,077	%		