

Stainless Steel (Cr 18-Ni 12-Mo 2) (AISI 316) (chips)

Art. ID	NIST-160b
Unit	150 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in validation of chemical and instrumental methods of analysis. A unit of NIST-160b consists of a bottle containing approximately 150 g of chips. This material is also available in solid disk form 3.2 cm × 1.9 cm as NIST-1155 for applications in optical emission and X-ray spectrometric methods of analysis. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Carbon (C)	[7440-44-0]	0,0445	%		
Certified value	Chromium (Cr)	[7440-47-3]	18,37	%		
Certified value	Copper (Cu)	[7440-50-8]	0,175	%		
Certified value	Manganese (Mn)	[7439-96-5]	1,619	%		
Certified value	Nickel (Ni)	[7440-02-0]	12,35	%		
Certified value	Sulfur (S)	[7704-34-9]	0,0175	%		
Certified value	Vanadium (V)	[7440-62-2]	0,05	%		
Reference value	Arsenic (As)	[7440-38-2]	0,01067	%		
Reference value	Cobalt (Co)	[7440-48-4]	0,109	%		
Reference value	Molybdenum (Mo)	[7439-98-7]	2,26	%		
Reference value	Phosphorus (P)	[7723-14-0]	0,02	%		
Reference value	Silicon (Si)	[7440-21-3]	0,5093	%		