

Basic Open- Hearth Steel, 1% carbon (chips)

Art. ID	NIST-16f
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-16f consists of approximately 150 g chips sized between 0.50 and 1.18 mm sieve openings (35 and 16 mesh). This material is also available in the form of disks, NIST-1227, 32 mm (1 1/4 in) in diameter and 19 mm (3/4 in) thick for optical emission and X-ray spectrometric analysis. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Carbon (C)	[7440-44-0]	0,97	%		
	Manganese (Mn)	[7439-96-5]	0,404	%		
	Phosphorus (P)	[7723-14-0]	0,014	%		
	Sulfur (S)	[7704-34-9]	0,026	%		
	Silicon (Si)	[7440-21-3]	0,214	%		
	Copper (Cu)	[7440-50-8]	0,006	%		
	Nickel (Ni)	[7440-02-0]	0,008	%		
	Chromium (Cr)	[7440-47-3]	0,02	%		
	Vanadium (V)	[7440-62-2]	0,002	%		
	Molybdenum (Mo)	[7439-98-7]	0,003	%		
	Cobalt (Co)	[7440-48-4]	0,003	%		