

## LA Steel, High Carbon (mod.)

Art. ID	NIST-1264a
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is intended for use in optical emission and X-ray spectrometric methods of analysis. A unit of NIST-1264a consists of a disk 31 mm in diameter and 19 mm thick. This material also available in the form of chips, NIST-364, for use in chemical methods of analysis, rods, NIST-1098, 6.4 mm in diameter and 102 mm long for the determination of gases in metals by vacuum fusion and neutron activation methods of 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]	0,871	%		
	Manganese (Mn)	[7439-96-5]	0,258	%		
	Phosphorus (P)	[7723-14-0]	0,01	%		
	Sulfur (S)	[7704-34-9]	0,025	%		
	Silicon (Si)	[7440-21-3]	0,067	%		
	Copper (Cu)	[7440-50-8]	0,25	%		
	Nickel (Ni)	[7440-02-0]	0,142	%		
	Chromium (Cr)	[7440-47-3]	0,066	%		
	Vanadium (V)	[7440-62-2]	0,106	%		
	Molybdenum (Mo)	[7439-98-7]	0,49	%		
	Tungsten (W)	[7440-33-7]	0,102	%		
	Cobalt (Co)	[7440-48-4]	0,15	%		
	Titanium (Ti)	[7440-32-6]	0,24	%		
	Arsenic (As)	[7440-38-2]	0,05	%		
	Niobium (Nb)	[7440-03-1]	0,157	%		
	Tantalum (Ta)	[7440-25-7]	0,11	%		
	Boron (B)	[7440-42-8]	-0,011	%		
	Lead (Pb)	[7439-92-1]	0,024	%		
	Zirconium (Zr)	[7440-67-7]	0,069	%		
	Antimony (Sb)	[7440-36-0]	0,034	%		
	Gold (Au)	[7440-57-5]	0,0001	%		
	Calcium (Ca)	[7440-70-2]	0,00004	%		
	Magnesium (Mg)	[7439-95-4]	0,00015	%		
	Tellurium (Te)	[13494-80-9]	0,00018	%		
	Cerium (Ce)	[7440-45-1]	0,00022	%		
	Lanthanum (La)	[7439-91-0]	0,00007	%		
	Neodymium (Nd)	[7440-00-8]	0,00007	%		

Tin (Sn)

[7440-31-5]

0,008

%