

## **Low alloy steel, F (chips)**

Art. ID	NIST-2166
Unit	150 g
Deliverydetails	No Dangerous Good /not restricted

### **Description**

This Standard Reference Material (SRM®) is low alloy steel in the form of chips sized to pass through sieve openings between 0.50 mm and 1.18 mm (35 mesh to 16 mesh). It is intended primarily for use in evaluation of chemical and instrumental methods of analysis of steel and materials of similar matrix. It should not be used for calibration. A unit of NIST-2166 consists of one bottle containing approximately 150 g of chips. 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]	0,012	%		
	Antimony (Sb)	[7440-36-0]	0,0005	%		
	Arsenic (As)	[7440-38-2]	0,0035	%		
	Carbon (C)	[7440-44-0]	0,015	%		
	Chromium (Cr)	[7440-47-3]	0,024	%		
	Cobalt (Co)	[7440-48-4]	0,0022	%		
	Copper (Cu)	[7440-50-8]	0,015	%		
	Lead (Pb)	[7439-92-1]	0,003	%		
	Manganese (Mn)	[7439-96-5]	0,066	%		
	Molybdenum (Mo)	[7439-98-7]	0,0035	%		
	Nickel (Ni)	[7440-02-0]	0,022	%		
	Niobium (Nb)	[7440-03-1]	0,005	%		
	Phosphorus (P)	[7723-14-0]	0,0012	%		
	Silicon (Si)	[7440-21-3]	0,01	%		
	Silver (Ag)	[7440-22-4]	0,0005	%		
	Sulfur (S)	[7704-34-9]	0,002164	%		
	Tin (Sn)	[7440-31-5]	0,001	%		
	Titanium (Ti)	[7440-32-6]	0,0007	%		
	Vanadium (V)	[7440-62-2]	0,009	%		