

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

Art. ID	NIST-2163
Unit	150 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM) is a low alloy steel intended primarily for evaluation of methods for analysis of elements in low alloy steel and materials of a similar matrix. It can be used to validate value assignment of in-house reference materials. A unit of NIST-2163 consists of one bottle containing approximately 150 g of chips.  
/// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	0,0426	%		
	Antimony (Sb)	[7440-36-0]	0,01033	%		
	Arsenic (As)	[7440-38-2]	0,052	%		
	Boron (B)	[7440-42-8]	0,00541	%		
	Carbon (C)	[7440-44-0]	0,1934	%		
	Chromium (Cr)	[7440-47-3]	0,5033	%		
	Cobalt (Co)	[7440-48-4]	0,0938	%		
	Copper (Cu)	[7440-50-8]	0,0432	%		
	Manganese (Mn)	[7439-96-5]	1,623	%		
	Molybdenum (Mo)	[7439-98-7]	0,4956	%		
	Nickel (Ni)	[7440-02-0]	0,5095	%		
	Niobium (Nb)	[7440-03-1]	0,0989	%		
	Phosphorus (P)	[7723-14-0]	0,0126	%		
	Silicon (Si)	[7440-21-3]	0,6168	%		
	Sulfur (S)	[7704-34-9]	0,0225	%		
	Tantalum (Ta)	[7440-25-7]	0,01187	%		
	Tin (Sn)	[7440-31-5]	0,0109	%		
	Titanium (Ti)	[7440-32-6]	0,307	%		
	Tungsten (W)	[7440-33-7]	0,00176	%		
	Vanadium (V)	[7440-62-2]	0,3062	%		
	Zirconium (Zr)	[7440-67-7]	0,0374	%		