

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

Art. ID	NIST-2162
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-2162 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]	0,0681	%		
	Arsenic (As)	[7440-38-2]	0,01804	%		
	Boron (B)	[7440-42-8]	0,0047	%		
	Cobalt (Co)	[7440-48-4]	0,0589	%		
	Chromium (Cr)	[7440-47-3]	0,9252	%		
	Copper (Cu)	[7440-50-8]	0,1225	%		
	Manganese (Mn)	[7439-96-5]	2,095	%		
	Molybdenum (Mo)	[7439-98-7]	0,3545	%		
	Niobium (Nb)	[7440-03-1]	0,0721	%		
	Nickel (Ni)	[7440-02-0]	1,1537	%		
	Phosphorus (P)	[7723-14-0]	0,0336	%		
	Silicon (Si)	[7440-21-3]	0,3532	%		
	Sulfur (S)	[7704-34-9]	0,03267	%		
	Tin (Sn)	[7440-31-5]	0,0467	%		
	Tantalum (Ta)	[7440-25-7]	0,02153	%		
	Titanium (Ti)	[7440-32-6]	0,0988	%		
	Tungsten (W)	[7440-33-7]	0,0003	%		
	Vanadium (V)	[7440-62-2]	0,1996	%		
	Zirconium (Zr)	[7440-67-7]	0,02928	%		