Labmix24 GmbH
Kesseldorfer Rott 24
46499 Hamminkeln
Germany

Tel: +49 (0) 2852 96064 00
Fax: +49 (0) 2852 96064 24
Web: www.labmix24.com
E-Mail: info@labmix24.com

Low Alloy Steel

Art. ID	NIST-1762b
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

Description

The certified values delivered by this Standard Reference Material (SRM) are intended primarily for use in validation of chemical and instrumental methods of analysis for element contents of iron and steel alloys. They can be used to validate value assignment of a laboratory's in-house reference materials. A unit of SRM 1762b consists of one disk approximately 34 mm in diameter and 19 mm thick. 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]	0,0697 ± 0,0014	%		
	Arsenic (As)	[7440-38-2]	0,0173 ± 0,0014	%		
	Boron (B)	[7440-42-8]	0,00430 ± 0,00092	%		
	Carbon (C)	[7440-44-0]	0,3582 ± 0,0099	%		
	Cobalt (Co)	[7440-48-4]	0,06120 ± 0,00096	%		
	Chromium (Cr)	[7440-47-3]	0,932 ± 0,020	%		
	Copper (Cu)	[7440-50-8]	0,12014 ± 0,00093	%		
	Manganese (Mn)	[7439-96-5]	1,997 ± 0,084	%		
	Molybdenum (Mo)	[7439-98-7]	0,348 ± 0,011	%		
	Niobium (Nb)	[7440-03-1]	0,0739 ± 0,0032	%		
	Nickel (Ni)	[7440-02-0]	1,170 ± 0,022	%		
	Phosphorus (P)	[7723-14-0]	0,0374 ± 0,0028	%		
	Sulfur (S)	[7704-34-9]	0,0318 ± 0,0038	%		
	Silicon (Si)	[7440-21-3]	0,3430 ± 0,0059	%		
	Tin (Sn)	[7440-31-5]	0,0479 ± 0,0018	%		
	Tantalum (Ta)	[7440-25-7]	0,0209 ± 0,0023	%		
	Titanium (Ti)	[7440-32-6]	0,0967 ± 0,0027	%		
	Vanadium (V)	[7440-62-2]	0,19992± 0,00063	%		
	Zirconium (Zr)	[7440-67-7]	0,0298 ± 0,0013	%		