

## **Nodular cast iron (chips)**

Art. ID	NIST-342a
Unit	150 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is in the form of discrete irregular chips intended for use with chemical methods of analysis, including atomic spectrometry and optical emission spectrometry. A unit of NIST-342a consists of a glass bottle containing 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
	C total		1,863 ± 0,021	%		
	C graphite		1,377 ± 0,018	%		
	Chromium (Cr)	[7440-47-3]	0,0335 ± 0,0035	%		
	Copper (Cu)	[7440-50-8]	0,1347 ± 0,0060	%		
	Magnesium (Mg)	[7439-95-4]	0,0700 ± 0,0049	%		
	Manganese (Mn)	[7439-96-5]	0,2740 ± 0,0085	%		
	Molybdenum (Mo)	[7439-98-7]	0,0057 ± 0,0013	%		
	Nickel (Ni)	[7440-02-0]	0,0583 ± 0,0040	%		
	Phosphorus (P)	[7723-14-0]	0,0187 ± 0,0023	%		
	Silicon (Si)	[7440-21-3]	2,733 ± 0,025	%		
	Titanium (Ti)	[7440-32-6]	0,0200 ± 0,0027	%		
	Sulfur (S)	[7704-34-9]	0,002141 ± 0,000096	%		