

## **Bovine liver - Trace elements**

Art. ID	NIST-1577c
Unit	20 g
Deliverydetails	No Dangerous Good /not restricted

### Description

Standard Reference Material (SRM®) 1577c consists of tissue derived from healthy steers. The material was collected and prepared under strict protocols designed to preserve the original composition, and to minimize contamination. NIST-1577c is intended primarily for use in evaluating the accuracy of analytical methods for selected elements and 25-hydroxyvitamin D3 in animal tissues and other biological materials. A unit of the SRM® consists of one bottle containing 20 g of freeze-dried liver powder. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Silver (Ag)	[7440-22-4]	5,9 ± 1,6	µg/kg		
	Arsenic (As)	[7440-38-2]	19,6 ± 1,4	µg/kg		
	Calcium (Ca)	[7440-70-2]	131 ± 10	mg/kg		
	Cadmium (Cd)	[7440-43-9]	97,0 ± 1,4	µg/kg		
	Cobalt (Co)	[7440-48-4]	0,300 ± 0,018	mg/kg		
	Chromium (Cr)	[7440-47-3]	53 ± 14	µg/kg		
	Copper (Cu)	[7440-50-8]	275,2 ± 4,6	mg/kg		
	Iron (Fe)	[7439-89-6]	197,94 ± 0,65	mg/kg		
	Potassium (K)	[7440-09-7]	1,023 ± 0,064	%		
	Magnesium (Mg)	[7439-95-4]	620 ± 42	mg/kg		
	Manganese (Mn)	[7439-96-5]	10,46 ± 0,47	mg/kg		
	Molybdenum (Mo)	[7439-98-7]	3,30 ± 0,13	mg/kg		
	Sodium (Na)	[7440-23-5]	0,2033 ± 0,0064	%		
	Nickel (Ni)	[7440-02-0]	44,5 ± 9,2	µg/kg		
	Lead (Pb)	[7439-92-1]	62,8 ± 1,0	µg/kg		
	Sulfur (S)	[7704-34-9]	0,749 ± 0,034	%		
	Selenium (Se)	[7782-49-2]	2,031 ± 0,045	mg/kg		
	Strontium (Sr)	[7440-24-6]	95,3 ± 4,2	µg/kg		
	Vanadium (V)	[7440-62-2]	8,17 ± 0,66	µg/kg		
	Zinc (Zn)	[7440-66-6]	181,1 ± 1,0	mg/kg		
	25-Hydroxyvitamin D3	[19356-17-3]	13,7 ± 3,1	ng/g		