

Toxic Elements in Frozen Human Urine

Art. ID	NIST-2668
Unit	10 vials x 1,5 mL (5 each conc.)
Deliverydetails	Dry ice shipment /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for validating analytical methods and measurements for the determination of toxic elements in human urine. A unit of NIST-2668 consists of five vials of each of two levels. Each vial contains nominally 1.5 mL of urine. NIST-2668 is shipped on dry ice, and it should be stored at -70 °C until use. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level I	Arsenic (As)	[7440-38-2]	10,81 ± 0,54	µg/L		
Level I	Cadmium (Cd)	[7440-43-9]	1,056 ± 0,052	µg/L		
Level I	Caesium (Cs)	[7440-46-2]	4,90 ± 0,30	µg/L		
Level I	Cobalt (Co)	[7440-48-4]	0,816 ± 0,058	µg/L		
Level I	Lead (Pb)	[7439-92-1]	1,234 ± 0,061	µg/L		
Level I	Vanadium (V)	[7440-62-2]	0,980 ± 0,086	µg/L		
Level II	Antimony (Sb)	[7440-36-0]	22,4 ± 1,0	µg/L		
Level II	Arsenic (As)	[7440-38-2]	213,1 ± 4,4 2,02	µg/L		
Level II	Barium (Ba)	[7440-39-3]	254,6 ± 3,2 2,07	µg/L		
Level II	Beryllium (Be)	[7440-41-7]	54,5 ± 2,4	µg/L		
Level II	Cadmium (Cd)	[7440-43-9]	16,40 ± 0,25	µg/L		
Level II	Caesium (Cs)	[7440-46-2]	221 ± 12	µg/L		
Level II	Chromium (Cr)	[7440-47-3]	27,7 ± 2,1	µg/L		
Level II	Cobalt (Co)	[7440-48-4]	51,8 ± 1,7	µg/L		
Level II	Copper (Cu)	[7440-50-8]	134,1 ± 5,4	µg/L		
Level II	Lead (Pb)	[7439-92-1]	137,9 ± 3,6	µg/L		
Level II	Manganese (Mn)	[7439-96-5]	47,6 ± 3,4	µg/L		
Level II	Molybdenum (Mo)	[7439-98-7]	1687 ± 58	µg/L		
Level II	Nickel (Ni)	[7440-02-0]	115,3 ± 5,2	µg/L		
Level II	Vanadium (V)	[7440-62-2]	48,5 ± 4,6	µg/L		