

Arsenic Species in Frozen Human Urine

Art. ID	NIST-2669
Unit	10 vials x 1,5 mL
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 arsenic species in human urine. A unit of NIST-2669 consists of five pouches, each containing one vial of Level I Arsenic Species in Frozen Human Urine and one vial of Level II Arsenic Species in Frozen Human Urine. Each vial contains nominally 1.5 mL of urine. NIST-2669 is shipped on dry ice, and it should be stored at -80 °C until use. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level I	Arsenous acid (AsIII)		1,47 ± 0,10	µg/L		
Level I	Arsenic acid (AsV)		2,41 ± 0,30	µg/L		
Level I	Monomethylarsonic acid (MMA)	[124-58-3]	1,87 ± 0,39	µg/L		
Level I	Dimethylarsinic acid (DMA)		3,47 ± 0,41	µg/L		
Level I	Arsenobetaine (AB)	[64436-13-1]	12,4 ± 1,9	µg/L		
Level II	Arsenous acid (AsIII)		5,03 ± 0,31	µg/L		
Level II	Arsenic acid (AsV)		6,16 ± 0,95	µg/L		
Level II	Monomethylarsonic acid (MMA)	[124-58-3]	7,18 ± 0,56	µg/L		
Level II	Dimethylarsinic acid (DMA)		25,3 ± 0,7	µg/L		
Level II	Trimethylarsine oxide (TMAO)		1,94 ± 0,27	µg/L		
Level II	Arsenobetaine (AB)	[64436-13-1]	1,43 ± 0,08	µg/L		
Level II	Arsenocholine (AC)		3,74 ± 0,35	µg/L		