

105.4 - Toxic Substances in Urine (powder and frozen form)

These SRMs are intended for the determination of arsenic species in human urine. SRMs 2668, 2669, and 3668 consist of five pouches, each containing one vial of Level I Arsenic Species and one vial of Level II Arsenic Species. SRM 3669 consists of 5 vials of arsenic species at an elevated level.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Description >>	2668 Toxic Elements in Frozen Human Urine	2669 Arsenic Species in Frozen Human Urine	3668 Mercury, Perchlorate, and Iodide in Frozen Human Urine	3669 Arsenic Species in Frozen Human Urine (Elevated Levels)
Unit of Issue >>	10 vials x 1.5 mL	10 vials x 1.5 mL	10 vials x 1.5 mL	5 vials x 1.5 mL

concentrations in µg/L

Aluminum				
Antimony	2 levels			
Arsenic	2 levels	2 levels		185.1
Arsenic acid (AsV)		2 levels		17.8
Arsenobetaine (AB)		2 levels		51.0
Arsenocholine (AC)		3.74		
Arsenous acid (AsIII)		2 levels		14.28
Barium	2 levels			
Beryllium	2 levels			
Cadmium	2 levels			
Calcium				
Cesium	2 levels			
Chlorine	2 levels			
Chromium	2 levels			
Cobalt	2 levels			
Copper	2 levels			
Dimethylarsinic acid (DMA)		2 levels		77.1
Fluoride ^a	2 levels			
Iodine			2 levels	
Iodine ^b				
Lead	2 levels			
Magnesium				
Manganese	2 levels			
Mercury			2 levels	
Molybdenum	2 levels			
Monomethylarsonic acid (MMA)		2 levels		21.6
Nickel	2 levels			
Nitrate			2 levels	
Perchlorate (ClO ₄)			2 levels	
Platinum	2 levels			
Potassium	2 levels			
Selenium				
Sodium	2 levels			
Thallium	2 levels			
Thiocyanate (SCN)			2 levels	
Thorium				
Tin	2 levels			
Trimethylarsine oxide (TMAO)		194		
Tungsten	2 levels			
Uranium	2 levels			
Vanadium	2 levels			
Zinc				

- Certified values are normal font.
- Non-certified and reference values are italicized.
- Information values and values of potential interest are within parentheses.

^a Fluorine concentrations, as measured, are for Fluoride, mass concentration.

^b Iodine concentrations, as measured, are for Iodide.