

Arsenic Species in Apple Juice

Art. ID	NIST-3035
Unit	5 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 apple juice. SRM 3035 was produced from commercial apple juice spiked with trace amounts of arsenous acid (AsIII), arsenic acid (AsV), monomethylarsonic acid (MMA), and dimethylarsinic acid (DMA). A unit of NIST-3035 consists of five pouches each containing 1.5 mL of spiked juice in a cryovial. NIST-3035 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
Certified value	Arsenous acid (AsIII)		5,17 ± 0,17	µg/kg		
Certified value	Arsenic acid (AsV)		6,35 ± 0,49	µg/kg		
Certified value	Monomethylarsonic acid (MMA)	[124-58-3]	9,38 ± 0,64	µg/kg		
Certified value	Dimethylarsinic acid (DMA)		5,23 ± 0,26	µg/kg		
Certified value	Inorganic arsenic (iAs)		11,53 ± 0,66	µg/kg		
Certified value	Arsenic (As)	[7440-38-2]	24,92 ± 0,84	µg/kg		
Certified value	Arsenous acid (AsIII)		5,40 ± 0,18	µg/L		
Certified value	Arsenic acid (AsV)		6,64 ± 0,51	µg/L		
Certified value	Monomethylarsonic acid (MMA)	[124-58-3]	9,80 ± 0,67	µg/L		
Certified value	Dimethylarsinic acid (DMA)		5,47 ± 0,27	µg/L		
Certified value	Inorganic arsenic (iAs)		12,05 ± 0,69	µg/L		
Certified value	Arsenic (As)	[7440-38-2]	26,04 ± 0,88	µg/L		