



Speciation Standards

ISO 9001:2015 Registered • ISO/IEC 17025:2005 Accredited • ISO 17034:2016 Accredited

Speciation Standards

- Speciation Standards are all verified by ICP for total element concentration against NIST SRM
- Arsenic, Chromium, and Selenium are additionally tested by IC against a second source standard for the specific species
- ISO 9001, ISO/IEC 17025 and ISO 17034 Certificate of Analysis for As⁺³, As⁺⁵, Cr⁺⁶, Se⁺⁴, and Se⁺⁶ include a chromatogram for solutions tested by IC

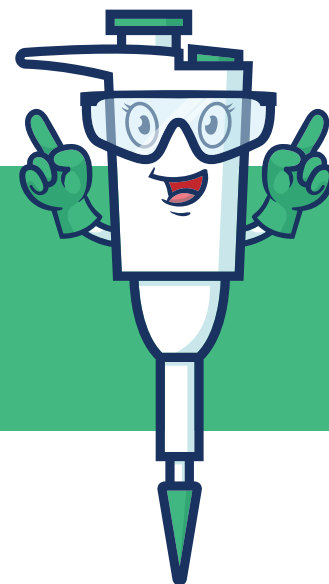
Speciation Standards				
Component	Concentration	Matrix	Volume	Part #
Arsenic +3	1,000 µg/mL	2% HCl	50 mL	10003-6-50
Arsenic +3	1,000 µg/mL	2% HCl	100 mL	10003-6-100
Arsenic +3	1,000 µg/mL	2% HCl	250 mL	10003-6-250
Arsenic +3	1,000 µg/mL	2% HCl	500 mL	10003-6-500
Arsenic +5	1,000 µg/mL	H ₂ O	50 mL	10003-7-50
Arsenic +5	1,000 µg/mL	H ₂ O	100 mL	10003-7-100
Arsenic +5	1,000 µg/mL	H ₂ O	250 mL	10003-7-250
Arsenic +5	1,000 µg/mL	H ₂ O	500 mL	10003-7-500
Chromium +3	1,000 µg/mL	2% HCl	50 mL	100012-6-50
Chromium +3	1,000 µg/mL	2% HCl	100 mL	100012-6-100
Chromium +3	1,000 µg/mL	2% HCl	250 mL	100012-6-250
Chromium +3	1,000 µg/mL	2% HCl	500 mL	100012-6-500
Chromium +6	10 µg/mL	H ₂ O	100 mL	10-12-7-100
Chromium +6	10 µg/mL	H ₂ O	250 mL	10-12-7-250
Chromium +6	10 µg/mL	H ₂ O	500 mL	10-12-7-500
Chromium +6	100 µg/mL	H ₂ O	100 mL	100-12-7-100
Chromium +6	100 µg/mL	H ₂ O	250 mL	100-12-7-250
Chromium +6	100 µg/mL	H ₂ O	500 mL	100-12-7-500
Chromium +6	1,000 µg/mL	H ₂ O	50 mL	100012-7-50
Chromium +6	1,000 µg/mL	H ₂ O	100 mL	100012-7-100
Chromium +6	1,000 µg/mL	H ₂ O	250 mL	100012-7-250
Chromium +6	1,000 µg/mL	H ₂ O	500 mL	100012-7-500
Chromium +6	10,000 µg/mL	H ₂ O	100 mL	10M12-7-100
Chromium +6	10,000 µg/mL	H ₂ O	250 mL	10M12-7-250
Chromium +6	10,000 µg/mL	H ₂ O	500 mL	10M12-7-500
Iron +3	1,000 µg/mL	2% HNO ₃	100 mL	100026-7-100
Iron +3	1,000 µg/mL	2% HNO ₃	250 mL	100026-7-250
Iron +3	1,000 µg/mL	2% HNO ₃	500 mL	100026-7-500
Selenium +4	1,000 µg/mL	H ₂ O	100 mL	100049-6-100
Selenium +4	1,000 µg/mL	H ₂ O	250 mL	100049-6-250
Selenium +4	1,000 µg/mL	H ₂ O	500 mL	100049-6-500

Speciation Standards (cont'd)

Component	Concentration	Matrix	Volume	Part #
Selenium +6	1,000 µg/mL	H ₂ O	100 mL	100049-7-100
Selenium +6	1,000 µg/mL	H ₂ O	250 mL	100049-7-250
Selenium +6	1,000 µg/mL	H ₂ O	500 mL	100049-7-500

Second Source

Ask us about how we can assist you with your second source requirements. We can manufacture second source lots for any catalog item. Contact us for details and a quote.





Quote Request Form for ICP Inorganic Custom Standards

Find this online @ highpuritystandards.com

Return this completed Quote Request Form by e-mail: info@highpuritystandards.com or fax: (843) 767-7906.

Please call us with any instructions, requests or suggestions at (843) 767-7900.

* = Required Field

*Company Name:		*Contact Name:	
*Phone:		*E-mail:	
*Fax:		Preferred Method of Contact:	
*Analytical Method/Intended Use:			
*Concentration Units:	*Total Volume Required:	*Bottled As:	
*Desired Matrix/Solvent: (Matrix may change due to compatibility)			

Fill in desired concentration of required elements/components. Use the blank/other fields to fill in any components not listed.

Comp	Conc.	Comp	Conc.	Comp	Conc.	Comp	Conc.	Comp	Conc.
Al		In		Ru		Bromide			
Sb		Ir		Sm		Chloride			
As		Fe		Sc		Cyanide			
Ba		La		Se		Iodide			
Be		Pb		Si		Phosphate			
Bi		Li		Ag		Sulfate			
B		6Li		Na		Other			
Cd		Lu		Sr					
Ca		Mg		S					
C		Mn		Ta					
Ce		Hg		Te					
Cs		Mo		Tb					
Cr**		Nd		Tl					
Co		Ni		Th					
Cu		Nb		Tm					
Dy		Os		Sn					
Er		Pd		Ti					
Eu		P		W					
Gd		Pt		U***					
Ga		K		V					
Ge		Pr		Yb					
Au		Re		Y					
Hf		Rh		Zn					
Ho		Rb		Zr					
Special Instructions:									

** Cr is provided as Cr (III) + certified as total Cr.

*** Depleted, Natural U available upon request.