

# AccuSPEC Ion Chromatography Standards

AccuSPEC Ion Chromatography Standards (1000 & 10 000 µg/ml) for inorganic analysis are packaged with the economic needs of the modern laboratory in mind. Multiple volumes and extended expiry dates ensure that maximum cost efficiency is achieved. Standards are manufactured following an ISO 9000 Quality Assurance Program.

- Available in 2 volumes (125 & 500 ml)
- Guaranteed to +/- 1.0% of actual concentration
- Complete Certificate of Analysis
- Direct NIST traceability
- Maximum flexibility and 125 ml instead of 100 ml
- Confidence in long-term stability and accuracy
- Easy tracking of expiry dates for accreditation or audit purposes
- Complete documentation for audit purposes

## A sample of our comprehensive Certificate of Analysis

**Certificate of Analysis**

Catalogue number	903-D30-001
Description	Multi-Element - I.C. Standard
Nominal Concentration	0.1000 N
Lot Number	SC2072294
Expiry Date	March 2003

Analysis of solution Standard by Ion Chromatography traceable to NIST Standard Reference Materials : 3184, 3182, 3183, 3185, 3186, 3181

**Actual Concentrations**


Br <sup>-</sup> :	200.0 mg/ml
Cl <sup>-</sup> :	200.0 mg/ml
F <sup>-</sup> :	20.00 mg/ml
NO <sub>2</sub> <sup>-</sup> :	20.00 mg/ml
NO <sub>3</sub> <sup>-</sup> :	20.00 mg/ml
PO <sub>4</sub> <sup>3-</sup> :	200.0 mg/ml
SO <sub>4</sub> <sup>2-</sup> :	200.0 mg/ml

Matrix : H<sub>2</sub>O

Certified by : Daniel Boivert Date of certification : March 27, 2003  
Daniel Boivert, Chemist

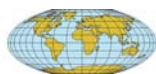
This IC Standard is guaranteed to be stable and accurate to within plus or minus 1.0% of the actual concentration up to the expiry date, provided the solution is kept tightly capped and stored under normal laboratory conditions. For these solutions, 18 megohm/cm double deionized water, Class A glassware and acid-cleaned bottles are used. A Material Safety Data Sheet is available upon request. (Ce certificat est également disponible en français.)

Manufactured under an ISO 9002 registered Quality System  
SCP SCIENCE  
21800 Clark Graham, Bate D'Urfé, QC, Canada H9X 4B6  
Phone : 514-457-0701 Fax: 514-457-4499 E-Mail : sales@scpscience.com

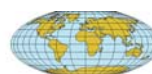


Use Order / Quote Form on the reverse side

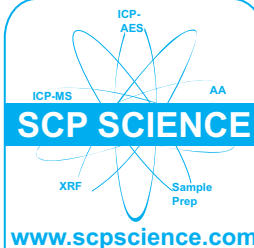
**USA**  
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**Europe**  
Tel.: +33 (0)1 69 18 71 17  
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**Sample Prep**

**ICP-AES & MS**

**AA**

**XRF**

**Calibration Standards**

**Certified Reference Materials**

**Free**  
Standard with  
your Glassware



With every purchase of an ICP-AES/MS torch, nebulizer, or spray chamber, receive a FREE PlasmaCAL ICP Standard (125ml, 1000 ppm)\*.

\*Hazardous shipment charges are not included. The following elements are excluded from all special offers: Au, Ir, Lu, Os, Pd, Pt, Re, Rh, Ru, Sc, & Tm.

# Fax Ion Chromatography Standards Work Sheet to 1-514-457-4499

SCP SCIENCE

Please Send me a Quotation     Please Enter my Purchase Order Number:

## Contact Information

Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Province/State: \_\_\_\_\_ PC/ZIP: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 E-Mail: \_\_\_\_\_

## Single Element Ion Chromatography Quotation/Order Form

	125 ml	500 ml	1000 µg/ml	10 000 µg/ml		125 ml	500 ml	1000 µg/ml	10 000 µg/ml		125 ml	500 ml	1000 µg/ml	10 000 µg/ml
Acetate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Fluoride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perchlorate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ammonia-Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Formate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Phosphate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Lithium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Phosphate-Phosphorus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Barium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Magnesium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bromate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Nitrate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bromide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitrate-Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Strontium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Calcium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitrite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Nitrite-Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Sulfate-Sulfur	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Chloride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oxalate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

## Anion Custom Multi-Element Standard

## Concentration & Required Elements

Acetate \_\_\_\_\_ Formate \_\_\_\_\_ Perchlorate \_\_\_\_\_  
 Bromate \_\_\_\_\_ Nitrate \_\_\_\_\_ Phosphate \_\_\_\_\_  
 Bromide \_\_\_\_\_ Nitrate-Nitrogen \_\_\_\_\_ Phosphate-Phosphorus \_\_\_\_\_  
 Chlorate \_\_\_\_\_ Nitrite \_\_\_\_\_ Sulfate \_\_\_\_\_  
 Chloride \_\_\_\_\_ Nitrite-Nitrogen \_\_\_\_\_ Sulfate-Sulfur \_\_\_\_\_  
 Fluoride \_\_\_\_\_ Oxalate \_\_\_\_\_

Matrix Required

\_\_\_\_\_  
 \_\_\_\_\_

Rate of Use (L/yr)

\_\_\_\_\_  
 \_\_\_\_\_

Special Requirements

\_\_\_\_\_  
 \_\_\_\_\_

## Cation Custom Multi-Element Standard

## Concentration & Required Elements

Ammonium \_\_\_\_\_ Calcium \_\_\_\_\_ Potassium \_\_\_\_\_  
 Ammonia-Nitrogen \_\_\_\_\_ Lithium \_\_\_\_\_ Sodium \_\_\_\_\_  
 Barium \_\_\_\_\_ Magnesium \_\_\_\_\_ Strontium \_\_\_\_\_

Matrix Required

\_\_\_\_\_  
 \_\_\_\_\_

Rate of Use (L/yr)

\_\_\_\_\_  
 \_\_\_\_\_

Special Requirements

\_\_\_\_\_  
 \_\_\_\_\_