

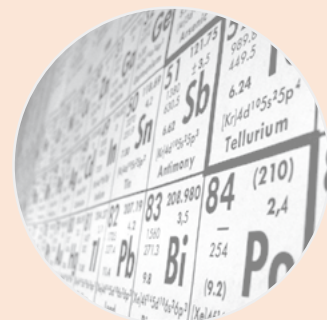
AccuSPEC Ion Chromatography Standards

SCP SCIENCE manufactures and stocks single-element and multi-element Calibration Standards, as well as offers an excellent Custom-Standards program. All of our IC Standards are manufactured in accordance with **ISO Guide 34**, are supplied with an **ISO Guide 31**-compliant Certificate of Analysis, and can be used for calibration, QC checks or performance evaluation purposes.

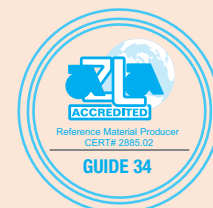
Custom standards are prepared, packaged and shipped within 72 hours of order confirmation. Visit our website and request a free online quote. Simply enter the desired anions/cations and their concentrations, together with the desired matrix, and a quotation will be sent to you. Or, contact your local Sales Representative or distributor for more information.



- **AccuSPEC IC Standards come complete with a Certificate of Analysis providing NIST traceability, certified concentration and uncertainty.**
- **GHS compliant labeling and SDS (Safety Data Sheets)**
- **Available in 2 convenient formats to meet your needs: 125 ml and 500 ml.**
- **2 expiry dates - up to 24 months unopened & 15 months opened.**
- **Longer shelf life for unopened bottles - stock with confidence.**



Single Cation Chromatography Standard	Symbol	Matrix	1000 µg/ml		10 000 µg/ml	
			125 ml	500 ml	125 ml	500 ml
Ammonium	NH ₄ ⁺	H ₂ O	250-220-130	250-220-131	250-221-130	250-221-131
Barium	Ba ²⁺	H ₂ O	250-220-175	250-220-176	250-221-175	250-221-176
Calcium	Ca ²⁺	H ₂ O	250-220-250	250-220-251	250-221-250	250-221-251
Lithium	Li ⁺	H ₂ O	250-220-445	250-220-446	250-221-445	250-221-446
Magnesium	Mg ²⁺	H ₂ O	250-220-460	250-220-461	250-221-460	250-221-461
Manganese	Mn ²⁺	H ₂ O	250-220-760	250-220-761	---	---
Nickel	Ni ²⁺	H ₂ O	250-220-750	250-220-751	---	---
Potassium	K ⁺	H ₂ O	250-220-625	250-220-626	250-221-625	250-221-626
Sodium	Na ⁺	H ₂ O	250-220-640	250-220-641	250-221-640	250-221-641
Strontium	Sr ²⁺	H ₂ O	250-220-685	250-220-686	250-221-685	250-221-686
Zinc	Zn ²⁺	H ₂ O	250-220-770	250-220-771	---	---



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Single Anion Chromatography Standard			1000 µg/ml		10 000 µg/ml	
Symbol	Matrix		125 ml	500 ml	125 ml	500 ml
Acetate	CH ₃ COO ⁻	H ₂ O	250-220-100	250-220-101	250-221-100	250-221-101
Ammonia-Nitrogen	NH ₃ ⁺ as N	H ₂ O	250-220-115	250-220-116	250-221-115	250-221-116
Bromate	BrO ₃ ⁻	H ₂ O	250-220-220	250-220-221	250-221-220	250-221-221
Bromide	Br ⁻	H ₂ O	250-220-235	250-220-236	250-221-235	250-221-236
Butyrate	C ₄ H ₇ O ₂ ⁻	H ₂ O	250-220-790	250-220-791	---	---
Chlorate	ClO ₃ ⁻	H ₂ O	250-220-355	250-220-356	250-221-350	250-221-351
Chloride	Cl ⁻	H ₂ O	250-220-370	250-220-371	250-221-370	250-221-371
Chromate	CrO ₄ ²⁻	H ₂ O	250-220-720	250-220-721	---	---
Fluoride	F ⁻	H ₂ O	250-220-400	250-220-401	250-221-400	250-221-401
Formate	HCOO ⁻	H ₂ O	250-220-415	250-220-416	250-221-410	250-221-411
Iodide	I ⁻	H ₂ O	250-220-730	250-220-731	250-221-730	250-221-731
Molybdate	MoO ₄ ²⁻	H ₂ O	250-220-780	250-220-781	---	---
Nitrate	NO ₃ ⁻	H ₂ O	250-220-505	250-220-506	250-221-505	250-221-506
Nitrate-Nitrogen	NO ₃ ⁻ as N	H ₂ O	250-220-520	250-220-521	250-221-520	250-221-521
Nitrite	NO ₂ ⁻	H ₂ O	250-220-535	250-220-536	250-221-535	250-221-536
Nitrite-Nitrogen	NO ₂ ⁻ as N	H ₂ O	250-220-550	250-220-551	250-221-550	250-221-551
Oxalate	C ₂ O ₄ ²⁻	H ₂ O	250-220-565	250-220-566	250-221-560	250-221-561
Perchlorate	ClO ₄ ⁻	H ₂ O	250-220-580	250-220-581	250-221-580	250-221-581
Phosphate	PO ₄ ³⁻	H ₂ O	250-220-595	250-220-596	250-221-595	250-221-596
Phosphate-Phosphorus	PO ₄ ³⁻ as P	H ₂ O	250-220-610	250-220-611	250-221-610	250-221-611
Propionate	CH ₃ CH ₂ COO ⁻	H ₂ O	250-220-740	250-220-741	250-221-740	250-221-741
Sulfate	SO ₄ ²⁻	H ₂ O	250-220-700	250-220-701	250-221-700	250-221-701
Sulfate-Sulfur	SO ₄ ²⁻ as S	H ₂ O	250-220-715	250-220-716	250-221-710	250-221-711

Multi-ion Standard 1	
Matrix: H₂O	F ⁻ @ 20 µg/ml
	Cl ⁻ @ 30 µg/ml
	NO ₃ ⁻ @ 100 µg/ml
	PO ₄ ³⁻ ; SO ₄ ²⁻ @ 150 µg/ml
Volume (ml)	Catalog No.
125	140-315-001
500	140-315-005

Multi-ion Standard 2	
Matrix: H₂O with stabilizer	Cl ⁻ , F ⁻ , NO ₂ ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ @ 10 µg/ml
Volume (ml)	Catalog No.
125	140-315-031
500	140-315-035

Multi-ion Standard 3	
Matrix: H₂O with stabilizer	Br ⁻ , Cl ⁻ , F ⁻ , NO ₂ ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ @ 100 µg/ml
Volume (ml)	Catalog No.
125	250-225-011
500	250-225-015

Multi-ion Standard 4	
Matrix: H₂O with stabilizer	Br ⁻ , Cl ⁻ , F ⁻ , NO ₂ ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ @ 1000 µg/ml
Volume (ml)	Catalog No.
125	250-225-201
500	250-225-205