

Ion Chromatography Standards

Single Component IC Standards

The following standards are prepared from high-purity salts in 18-megaohm water except where noted otherwise and packaged in high-density polyethylene bottles. Standards are certified accurate for a period of 18 months from the date of shipment, except where noted otherwise.

Component	Source	Concentration	Catalog No.	Concentration	Catalog No.
Acetate	Na Acetate	100 µg/mL	IC-AC	1000 µg/mL	IC-AC-M
‡ Ammonium	NH ₄ Cl	100 µg/mL	IC-NH	1000 µg/mL	IC-NH-M
Bromide	NaBr	100 µg/mL	IC-BR	1000 µg/mL	IC-BR-M
Bromide	NaBr	10,000 µg/mL	IC-BR-10M		
Bromate	NaBrO ₃	100 µg/mL	IC-BRO3	1000 µg/mL	IC-BRO3-M
Calcium	CaCl ₂	100 µg/mL	IC-CA	1000 µg/mL	IC-CA-M
Chloride	NaCl	100 µg/mL	IC-CL	1000 µg/mL	IC-CL-M
Chloride	NaCl	10,000 µg/mL	IC-CL-10M		
*Chlorite	NaClO ₂	100 µg/mL	IC-CLO2	1000 µg/mL	IC-CLO2-M
‡ Chlorate	NaClO ₃	100 µg/mL	IC-CLO3	1000 µg/mL	IC-CLO3-M
‡ Perchlorate	NaClO ₄	100 µg/mL	IC-CLO4	1000 µg/mL	IC-CLO4-M
Dichromate	K ₂ Cr ₂ O ₇	100 µg/mL	IC-CRO	1000 µg/mL	IC-CRO-M
‡ Cyanide	KCN	100 µg/mL	IC-CN	1000 µg/mL	IC-CN-M
Fluoride	NaF	100 µg/mL	IC-FF	1000 µg/mL	IC-FF-M
Fluoride	NaF	10,000 µg/mL	IC-FF-10M		
† Formate	Na Formate	100 µg/mL	IC-FM	1000 µg/mL	IC-FM-M
Iodide	NaI	100 µg/mL	IC-II	1000 µg/mL	IC-II-M
Lactate	Na Lactate	100 µg/mL	IC-LAC	1000 µg/mL	IC-LAC-M
Magnesium	MgCl ₂	100 µg/mL	IC-MG	1000 µg/mL	IC-MG-M
Nitrate	NaNO ₃	100 µg/mL	IC-NO	1000 µg/mL	IC-NO-M
Nitrate	NaNO ₃	10,000 µg/mL	IC-NO-10M		
‡ Nitrite	NaNO ₂	100 µg/mL	IC-N	1000 µg/mL	IC-N-M
‡ Nitrogen	NaNO ₂	100 µg/mL	IC-NO2	1000 µg/mL	IC-NO2
Nitrogen	NaNO ₃	100 µg/mL	IC-NO3	1000 µg/mL	IC-NO3
‡ Nitrogen	NH ₄ Cl	100 µg/mL	IC-NT	1000 µg/mL	IC-NT-M
‡ Oxalate	Na Oxalate	100 µg/mL	IC-OX	1000 µg/mL	IC-OX-M
Phosphate	NH ₄ H ₂ PO ₄	100 µg/mL	IC-PP	1000 µg/mL	IC-PP-M
Phosphate	NH ₄ H ₂ PO ₄	10,000 µg/mL	IC-PP-10M		
Phosphorus	NH ₄ H ₂ PO ₄	100 µg/mL	IC-P	1000 µg/mL	IC-P-M
Phosphorus	KH ₂ PO ₄	100 µg/mL	IC-KP	1000 µg/mL	IC-KP-M
Potassium	KCl	100 µg/mL	IC-K	1000 µg/mL	IC-K-M
Propionate	Na Propionate	100 µg/mL	IC-PRO	1000 µg/mL	IC-PRO-M
Sodium	NaCl	100 µg/mL	IC-NA	1000 µg/mL	IC-NA-M
Sulfate	Na ₂ SO ₄	100 µg/mL	IC-SS	1000 µg/mL	IC-SS-M
Sulfate	Na ₂ SO ₄	10,000 µg/mL	IC-SS-10M		
Sulfur	Na ₂ SO ₄	100 µg/mL	IC-SR	1000 µg/mL	IC-SR-M

* Exp Date: 3 Months

† Exp Date: 6 Months

‡ Exp Date: 12 Months

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Multielement IC Standards

Catalog No.	Element	Conc.	Matrix	Volume
IC-1	Nitrate	100 µg/mL	H ₂ O	100 mL
	Nitrite*	100		250 mL
	Phosphate	100		500 mL
	Fluoride	100		
	Bromide	100	*Solution B	
	Chloride	100		
	Sulfate	100		
IC-2	Nitrate	1000 µg/mL	H ₂ O	100 mL
	Nitrite*	1000		250 mL
	Phosphate	1000		500 mL
	Fluoride	1000		
	Bromide	1000	*Solution B	
	Chloride	1000		
	Sulfate	1000		
IC-4	Ammonium	100 µg/mL	H ₂ O	100 mL
	Calcium	100		250 mL
	Magnesium	100		500 mL
	Potassium	100		
	Sodium	100		