

Ion Chromatography Standards



Single-Ion Standards

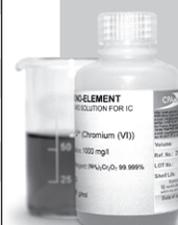
TYPE NAME	ELEMENT	MATRIX	CONCENTRATION	VOLUME	UNIT	REFERENCE
Acetate	CH ₃ COO ⁻	in H ₂ O	1000 mg/l	100	ml	H016.W.L1
Acetate	CH ₃ COO ⁻	in H ₂ O	1000 mg/l	250	ml	H016.W.L25
Acetate	CH ₃ COO ⁻	in H ₂ O	1000 mg/l	500	ml	H016.W.L5
Ammonium	NH ₄ ⁺	in H ₂ O	1000 mg/l	100	ml	H011.W.L1
Ammonium	NH ₄ ⁺	in H ₂ O	1000 mg/l	250	ml	H011.W.L25
Ammonium	NH ₄ ⁺	in H ₂ O	1000 mg/l	500	ml	H011.W.L5
Ammonium as N	N	in H ₂ O	1000 mg/l	100	ml	H031.W.L1
Ammonium as N	N	in H ₂ O	1000 mg/l	250	ml	H031.W.L25
Ammonium as N	N	in H ₂ O	1000 mg/l	500	ml	H031.W.L5
Barium	Ba ²⁺	in H ₂ O	1000 mg/l	100	ml	H022.W.L1
Barium	Ba ²⁺	in H ₂ O	1000 mg/l	250	ml	H022.W.L25
Barium	Ba ²⁺	in H ₂ O	1000 mg/l	500	ml	H022.W.L5
Benzoate	C ₆ H ₅ COO ⁻	in H ₂ O	1000 mg/l	100	ml	H030.W.L1
Benzoate	C ₆ H ₅ COO ⁻	in H ₂ O	1000 mg/l	250	ml	H030.W.L25
Benzoate	C ₆ H ₅ COO ⁻	in H ₂ O	1000 mg/l	500	ml	H030.W.L5
Bromate	BrO ₃ ⁻	in H ₂ O	1000 mg/l	100	ml	H020.W.L1
Bromate	BrO ₃ ⁻	in H ₂ O	1000 mg/l	250	ml	H020.W.L25
Bromate	BrO ₃ ⁻	in H ₂ O	1000 mg/l	500	ml	H020.W.L5
Bromide	Br ⁻	in H ₂ O	1000 mg/l	100	ml	H001.W.L1
Bromide	Br ⁻	in H ₂ O	1000 mg/l	250	ml	H001.W.L25
Bromide	Br ⁻	in H ₂ O	1000 mg/l	500	ml	H001.W.L5
Calcium	Ca ²⁺	in H ₂ O	1000 mg/l	100	ml	H002.W.L1
Calcium	Ca ²⁺	in H ₂ O	1000 mg/l	250	ml	H002.W.L25
Calcium	Ca ²⁺	in H ₂ O	1000 mg/l	500	ml	H002.W.L5
Cesium	Cs ⁺	in H ₂ O	1000 mg/l	100	ml	H027.W.L1
Cesium	Cs ⁺	in H ₂ O	1000 mg/l	250	ml	H027.W.L25
Cesium	Cs ⁺	in H ₂ O	1000 mg/l	500	ml	H027.W.L5
Chlorate	ClO ₃ ⁻	in H ₂ O	1000 mg/l	100	ml	H025.W.L1
Chlorate	ClO ₃ ⁻	in H ₂ O	1000 mg/l	250	ml	H025.W.L25
Chlorate	ClO ₃ ⁻	in H ₂ O	1000 mg/l	500	ml	H025.W.L5
Chloride	Cl ⁻	in H ₂ O	1000 mg/l	100	ml	H003.W.L1
Chloride	Cl ⁻	in H ₂ O	1000 mg/l	250	ml	H003.W.L25
Chloride	Cl ⁻	in H ₂ O	1000 mg/l	500	ml	H003.W.L5
Chlorite	ClO ₂ ⁻	in H ₂ O/tr NaOH	1000 mg/l	100	ml	H028.010.L1
Chlorite	ClO ₂ ⁻	in H ₂ O/tr NaOH	1000 mg/l	250	ml	H028.010.L25
Chlorite	ClO ₂ ⁻	in H ₂ O/tr NaOH	1000 mg/l	500	ml	H028.010.L5
Chromate as Cr(VI)	Cr ⁶⁺	in H ₂ O	1000 mg/l	100	ml	H004.W.L1
Chromate as Cr(VI)	Cr ⁶⁺	in H ₂ O	1000 mg/l	250	ml	H004.W.L25
Chromate as Cr(VI)	Cr ⁶⁺	in H ₂ O	1000 mg/l	500	ml	H004.W.L5
Citrate	C ₆ H ₅ O ₇ ³⁻	in H ₂ O	1000 mg/l	100	ml	H029.W.L1
Citrate	C ₆ H ₅ O ₇ ³⁻	in H ₂ O	1000 mg/l	250	ml	H029.W.L25



* Custom Standards for Ion Chromatography are available upon request.

TYPE NAME	ELEMENT	MATRIX	CONCENTRATION	VOLUME	UNIT	REFERENCE
Citrate	$C_6H_5O_7^{3-}$	in H_2O	1000 mg/l	500	ml	H029.W.L5
Cyanide	CN^-	in H_2O /tr KOH	1000 mg/l	100	ml	H032.010.L1
Cyanide	CN^-	in H_2O /tr KOH	1000 mg/l	250	ml	H032.010.L25
Cyanide	CN^-	in H_2O /tr KOH	1000 mg/l	500	ml	H032.010.L5
Diethanolamine	$(HOC_2H_4)_2NH_2^+$	in H_2O	1000 mg/l	100	ml	H033.W.L1
Diethanolamine	$(HOC_2H_4)_2NH_2^+$	in H_2O	1000 mg/l	250	ml	H033.W.L25
Diethanolamine	$(HOC_2H_4)_2NH_2^+$	in H_2O	1000 mg/l	500	ml	H033.W.L5
Fluoride	F^-	in H_2O	1000 mg/l	100	ml	H005.W.L1
Fluoride	F^-	in H_2O	1000 mg/l	250	ml	H005.W.L25
Fluoride	F^-	in H_2O	1000 mg/l	500	ml	H005.W.L5
Formate	$HCOO^-$	in H_2O	1000 mg/l	100	ml	H026.W.L1
Formate	$HCOO^-$	in H_2O	1000 mg/l	250	ml	H026.W.L25
Formate	$HCOO^-$	in H_2O	1000 mg/l	500	ml	H026.W.L5
Glycolate	$C_2H_3O_3^-$	in H_2O	1000 mg/l	100	ml	H034.W.L1
Glycolate	$C_2H_3O_3^-$	in H_2O	1000 mg/l	250	ml	H034.W.L25
Glycolate	$C_2H_3O_3^-$	in H_2O	1000 mg/l	500	ml	H034.W.L5
Hydrogen phthalate	$C_6H_4(COO)_2H^-$	in H_2O	1000 mg/l	100	ml	H035.W.L1
Hydrogen phthalate	$C_6H_4(COO)_2H^-$	in H_2O	1000 mg/l	250	ml	H035.W.L25
Hydrogen phthalate	$C_6H_4(COO)_2H^-$	in H_2O	1000 mg/l	500	ml	H035.W.L5
Hydrogen sulfite	HSO_3^-	in H_2O	1000 mg/l	100	ml	H057.W.L1
Hydrogen sulfite	HSO_3^-	in H_2O	1000 mg/l	250	ml	H057.W.L25
Hydrogen sulfite	HSO_3^-	in H_2O	1000 mg/l	500	ml	H057.W.L5
Iodate	IO_3^-	in H_2O	1000 mg/l	100	ml	H036.W.L1
Iodate	IO_3^-	in H_2O	1000 mg/l	250	ml	H036.W.L25
Iodate	IO_3^-	in H_2O	1000 mg/l	500	ml	H036.W.L5
Iodide	I^-	in H_2O	1000 mg/l	100	ml	H006.W.L1
Iodide	I^-	in H_2O	1000 mg/l	250	ml	H006.W.L25
Iodide	I^-	in H_2O	1000 mg/l	500	ml	H006.W.L5
Lactate	$CH_3CH(OH)COO^-$	in H_2O	1000 mg/l	100	ml	H037.W.L1
Lactate	$CH_3CH(OH)COO^-$	in H_2O	1000 mg/l	250	ml	H037.W.L25
Lactate	$CH_3CH(OH)COO^-$	in H_2O	1000 mg/l	500	ml	H037.W.L5
Lithium	Li^+	in H_2O	1000 mg/l	100	ml	H008.W.L1
Lithium	Li^+	in H_2O	1000 mg/l	250	ml	H008.W.L25
Lithium	Li^+	in H_2O	1000 mg/l	500	ml	H008.W.L5
Magnesium	Mg^{2+}	in H_2O	1000 mg/l	100	ml	H009.W.L1
Magnesium	Mg^{2+}	in H_2O	1000 mg/l	250	ml	H009.W.L25
Magnesium	Mg^{2+}	in H_2O	1000 mg/l	500	ml	H009.W.L5
Maleate	$C_2H_2(COO)_2^{2-}$	in H_2O	1000 mg/l	100	ml	H038.W.L1
Maleate	$C_2H_2(COO)_2^{2-}$	in H_2O	1000 mg/l	250	ml	H038.W.L25
Maleate	$C_2H_2(COO)_2^{2-}$	in H_2O	1000 mg/l	500	ml	H038.W.L5
Methane sulfonate	$CH_3SO_3^-$	in H_2O	1000 mg/l	100	ml	H039.W.L1
Methane sulfonate	$CH_3SO_3^-$	in H_2O	1000 mg/l	250	ml	H039.W.L25
Methane sulfonate	$CH_3SO_3^-$	in H_2O	1000 mg/l	500	ml	H039.W.L5
3-Methoxypropylamine	$CH_3O(CH_2)_3NH_3^+$	in H_2O	1000 mg/l	100	ml	H053.W.L1
3-Methoxypropylamine	$CH_3O(CH_2)_3NH_3^+$	in H_2O	1000 mg/l	250	ml	H053.W.L25

TYPE NAME	ELEMENT	MATRIX	CONCENTRATION	VOLUME	UNIT	REFERENCE
3-Methoxypropylamine	$\text{CH}_3\text{O}(\text{CH}_2)_3\text{NH}_3^+$	in H_2O	1000 mg/l	500	ml	H053.W.L5
Monoethanolamine	$\text{HOC}_2\text{H}_4\text{NH}_3^+$	in H_2O	1000 mg/l	100	ml	H040.W.L1
Monoethanolamine	$\text{HOC}_2\text{H}_4\text{NH}_3^+$	in H_2O	1000 mg/l	250	ml	H040.W.L25
Monoethanolamine	$\text{HOC}_2\text{H}_4\text{NH}_3^+$	in H_2O	1000 mg/l	500	ml	H040.W.L5
Monomethylamine	CH_3NH_3^+	in H_2O	1000 mg/l	100	ml	H041.W.L1
Monomethylamine	CH_3NH_3^+	in H_2O	1000 mg/l	250	ml	H041.W.L25
Monomethylamine	CH_3NH_3^+	in H_2O	1000 mg/l	500	ml	H041.W.L5
Nitrate	NO_3^-	in H_2O	1000 mg/l	100	ml	H013.W.L1
Nitrate	NO_3^-	in H_2O	1000 mg/l	250	ml	H013.W.L25
Nitrate	NO_3^-	in H_2O	1000 mg/l	500	ml	H013.W.L5
Nitrate as N	N	in H_2O	1000 mg/l	100	ml	H044.W.L1
Nitrate as N	N	in H_2O	1000 mg/l	250	ml	H044.W.L25
Nitrate as N	N	in H_2O	1000 mg/l	500	ml	H044.W.L5
Nitriiotriacetate	$\text{N}(\text{CH}_2\text{COO})_3^{3-}$	in H_2O	1000 mg/l	100	ml	H042.W.L1
Nitriiotriacetate	$\text{N}(\text{CH}_2\text{COO})_3^{3-}$	in H_2O	1000 mg/l	250	ml	H042.W.L25
Nitriiotriacetate	$\text{N}(\text{CH}_2\text{COO})_3^{3-}$	in H_2O	1000 mg/l	500	ml	H042.W.L5
Nitrite	NO_2^-	in H_2O	1000 mg/l	100	ml	H012.W.L1
Nitrite	NO_2^-	in H_2O	1000 mg/l	250	ml	H012.W.L25
Nitrite	NO_2^-	in H_2O	1000 mg/l	500	ml	H012.W.L5
Nitrite as N	N	in H_2O	1000 mg/l	100	ml	H043.W.L1
Nitrite as N	N	in H_2O	1000 mg/l	250	ml	H043.W.L25
Nitrite as N	N	in H_2O	1000 mg/l	500	ml	H043.W.L5
Oxalate	$\text{C}_2\text{O}_4^{2-}$	in H_2O	1000 mg/l	100	ml	H024.W.L1
Oxalate	$\text{C}_2\text{O}_4^{2-}$	in H_2O	1000 mg/l	250	ml	H024.W.L25
Oxalate	$\text{C}_2\text{O}_4^{2-}$	in H_2O	1000 mg/l	500	ml	H024.W.L5
Perchlorate	ClO_4^{3-}	in H_2O	1000 mg/l	100	ml	H017.W.L1
Perchlorate	ClO_4^{3-}	in H_2O	1000 mg/l	250	ml	H017.W.L25
Perchlorate	ClO_4^{3-}	in H_2O	1000 mg/l	500	ml	H017.W.L5
Phosphate	PO_4^{3-}	in H_2O	1000 mg/l	100	ml	H014.W.L1
Phosphate	PO_4^{3-}	in H_2O	1000 mg/l	250	ml	H014.W.L25
Phosphate	PO_4^{3-}	in H_2O	1000 mg/l	500	ml	H014.W.L5
Phosphate as P	P	in H_2O	1000 mg/l	100	ml	H045.W.L1
Phosphate as P	P	in H_2O	1000 mg/l	250	ml	H045.W.L25
Phosphate as P	P	in H_2O	1000 mg/l	500	ml	H045.W.L5
Potassium	K^+	in H_2O	1000 mg/l	100	ml	H007.W.L1
Potassium	K^+	in H_2O	1000 mg/l	250	ml	H007.W.L25
Potassium	K^+	in H_2O	1000 mg/l	500	ml	H007.W.L5
Propionate	$\text{C}_2\text{H}_5\text{COO}^-$	in H_2O	1000 mg/l	100	ml	H046.W.L1
Propionate	$\text{C}_2\text{H}_5\text{COO}^-$	in H_2O	1000 mg/l	250	ml	H046.W.L25
Propionate	$\text{C}_2\text{H}_5\text{COO}^-$	in H_2O	1000 mg/l	500	ml	H046.W.L5
Silicate	SiO_3^{2-}	in 1% NaOH	1000 mg/l	100	ml	H047.10.L1
Silicate	SiO_3^{2-}	in 1% NaOH	1000 mg/l	250	ml	H047.10.L25
Silicate	SiO_3^{2-}	in 1% NaOH	1000 mg/l	500	ml	H047.10.L5
Sodium	Na^+	in H_2O	1000 mg/l	100	ml	H010.W.L1
Sodium	Na^+	in H_2O	1000 mg/l	250	ml	H010.W.L25



TYPE NAME	ELEMENT	MATRIX	CONCENTRATION	VOLUME	UNIT	REFERENCE
Sodium	Na ⁺	in H ₂ O	1000 mg/l	500	ml	H010.W.L5
Strontium	Sr ²⁺	in H ₂ O	1000 mg/l	100	ml	H023.W.L1
Strontium	Sr ²⁺	in H ₂ O	1000 mg/l	250	ml	H023.W.L25
Strontium	Sr ²⁺	in H ₂ O	1000 mg/l	500	ml	H023.W.L5
Succinate	OOC(CH ₂) ₂ COO ²⁻	in H ₂ O	1000 mg/l	100	ml	H048.W.L1
Succinate	OOC(CH ₂) ₂ COO ²⁻	in H ₂ O	1000 mg/l	250	ml	H048.W.L25
Succinate	OOC(CH ₂) ₂ COO ²⁻	in H ₂ O	1000 mg/l	500	ml	H048.W.L5
Sulphate	SO ₄ ²⁻	in H ₂ O	1000 mg/l	100	ml	H015.W.L1
Sulphate	SO ₄ ²⁻	in H ₂ O	1000 mg/l	250	ml	H015.W.L25
Sulphate	SO ₄ ²⁻	in H ₂ O	1000 mg/l	500	ml	H015.W.L5
Sulphite as S(IV)	S(IV)	in H ₂ O	1000 mg/l	100	ml	H018.W.L1
Sulphite as S(IV)	S(IV)	in H ₂ O	1000 mg/l	250	ml	H018.W.L25
Sulphite as S(IV)	S(IV)	in H ₂ O	1000 mg/l	500	ml	H018.W.L5
Tartrate	OOC(CHOH) ₂ COO ²⁻	in H ₂ O	1000 mg/l	100	ml	H049.W.L1
Tartrate	OOC(CHOH) ₂ COO ²⁻	in H ₂ O	1000 mg/l	250	ml	H049.W.L25
Tartrate	OOC(CHOH) ₂ COO ²⁻	in H ₂ O	1000 mg/l	500	ml	H049.W.L5
Thiocyanate	SCN ⁻	in H ₂ O	1000 mg/l	100	ml	H021.W.L1
Thiocyanate	SCN ⁻	in H ₂ O	1000 mg/l	250	ml	H021.W.L25
Thiocyanate	SCN ⁻	in H ₂ O	1000 mg/l	500	ml	H021.W.L5
Thiosulphate	S ₂ O ₃ ²⁻	in n-pentanol	1000 mg/l	100	ml	H050.011044.L1
Thiosulphate	S ₂ O ₃ ²⁻	in n-pentanol	1000 mg/l	250	ml	050.011044.L25
Thiosulphate	S ₂ O ₃ ²⁻	in n-pentanol	1000 mg/l	500	ml	H050.011044.L5
Triethanolamine	(HOCH ₂) ₃ NH ⁺	in H ₂ O	1000 mg/l	100	ml	H051.W.L1
Triethanolamine	(HOCH ₂) ₃ NH ⁺	in H ₂ O	1000 mg/l	250	ml	H051.W.L25
Triethanolamine	(HOCH ₂) ₃ NH ⁺	in H ₂ O	1000 mg/l	500	ml	H051.W.L5
Triethylamine	(C ₂ H ₅) ₃ NH ⁺	in H ₂ O	1000 mg/l	100	ml	H054.W.L1
Triethylamine	(C ₂ H ₅) ₃ NH ⁺	in H ₂ O	1000 mg/l	250	ml	H054.W.L25
Triethylamine	(C ₂ H ₅) ₃ NH ⁺	in H ₂ O	1000 mg/l	500	ml	H054.W.L5
Trimethylamine	(CH ₃) ₃ NH ⁺	in H ₂ O	1000 mg/l	100	ml	H052.W.L1
Trimethylamine	(CH ₃) ₃ NH ⁺	in H ₂ O	1000 mg/l	250	ml	H052.W.L25
Trimethylamine	(CH ₃) ₃ NH ⁺	in H ₂ O	1000 mg/l	500	ml	H052.W.L5
Tetrafluoroborate	BF ₄ ⁻	in H ₂ O	1000 mg/l	100	ml	H058.W.L1
Tetrafluoroborate	BF ₄ ⁻	in H ₂ O	1000 mg/l	250	ml	H058.W.L25
Tetrafluoroborate	BF ₄ ⁻	in H ₂ O	1000 mg/l	500	ml	H058.W.L5
Adipates	C ₆ H ₈ O ₄ ²⁻	in H ₂ O	1000 mg/l	100	ml	H059.W.L1
Adipates	C ₆ H ₈ O ₄ ²⁻	in H ₂ O	1000 mg/l	250	ml	H059.W.L25
Adipates	C ₆ H ₈ O ₄ ²⁻	in H ₂ O	1000 mg/l	500	ml	H059.W.L5
Butyrates	C ₄ H ₇ O ₂ ⁻	in H ₂ O	1000 mg/l	100	ml	H060.W.L1
Butyrates	C ₄ H ₇ O ₂ ⁻	in H ₂ O	1000 mg/l	250	ml	H060.W.L25
Butyrates	C ₄ H ₇ O ₂ ⁻	in H ₂ O	1000 mg/l	500	ml	H060.W.L5

Multi-Ion Standards

Standard 7 ions		Reference: 1521.K1.W.L1			Reference: 1521.K1.W.L25		
		Volume: 100 ml Matrix: in H ₂ O			Volume: 250 ml Matrix: in H ₂ O		
Element	Concentration	Element	Concentration	Element	Concentration	Element	Concentration
Br ⁻	100 mg/l	F ⁻	100 mg/l	NO ₃ ⁻	100 mg/l	SO ₄ ²⁻	100 mg/l
Cl ⁻	100 mg/l	NO ₂ ⁻	100 mg/l	PO ₄ ³⁻	100 mg/l		

Standard 7 ions		Reference: 1521.1K.W.L1	
		Volume: 100 ml Matrix: in H ₂ O	
Element	Concentration	Element	Concentration
Br ⁻	1000 mg/l	NO ₃ ⁻	1000 mg/l
Cl ⁻	1000 mg/l	PO ₄ ³⁻	1000 mg/l
F ⁻	1000 mg/l	SO ₄ ²⁻	1000 mg/l
NO ₂ ⁻	1000 mg/l		

Standard 7 ions		Reference: ACE63.25.W.L1			Reference: ACE63.25.W.L5		
		Volume: 100 ml Matrix: in H ₂ O			Volume: 500 ml Matrix: in H ₂ O		
Element	Concentration	Element	Concentration	Element	Concentration	Element	Concentration
PO ₄ ³⁻	40 mg/l	Br ⁻	25 mg/l	NO ₂ ⁻	15 mg/l	F ⁻	5 mg/l
SO ₄ ²⁻	30 mg/l	NO ₃ ⁻	25 mg/l	Cl ⁻	10 mg/l		

Standard 6 ions		Reference: 1A3DCF.40.01N.L1			Reference: A3DCF.40.01N.L5		
		Volume: 100 ml Matrix: in H ₂ O/tr HNO ₃			Volume: 250 ml Matrix: in H ₂ O/tr HNO ₃		
Element	Concentration	Element	Concentration	Element	Concentration		
NH ₄ ⁺	40 mg/l	Na ⁺	20 mg/l	K ⁺	20 mg/l		
Ca ²⁺	40 mg/l	Mg ²⁺	20 mg/l	Li ⁺	10 mg/l		

Standard 6 ions		Reference: E3A7.K1.W.L1	
		Volume: 100 ml Matrix: in H ₂ O	
Element	Concentration	Element	Concentration
Br ⁻	100 mg/l	NO ₃ ⁻	100 mg/l
Cl ⁻	100 mg/l	PO ₄ ³⁻	100 mg/l
F ⁻	100 mg/l	SO ₄ ²⁻	100 mg/l



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Standard 6 ions		Reference: A7A40.5.01N.L1 Volume: 100 ml Matrix: in H ₂ O/tr HNO ₃		Reference: A7A40.5.01N.L5 Volume: 500 ml Matrix: in H ₂ O/tr HNO ₃			
Element	Concentration	Element	Concentration	Element	Concentration	Element	Concentration
Ca ²⁺	5 mg/l	NH ₄ ⁺	2.5 mg/l	Na ⁺	2 mg/l		
K ⁺	5 mg/l	Mg ²⁺	2.5 mg/l	Li ⁺	0.5 mg/l		

Standard 5 ions		Reference: 1A15.K1.W.L1 Volume: 100 ml Matrix: in H ₂ O	
Element	Concentration	Element	Concentration
NH ₄ ⁺	100 mg/l	K ⁺	100 mg/l
Ca ²⁺	100 mg/l	Na ⁺	100 mg/l
Mg ²⁺	100 mg/l		

Standard 4 ions		Reference: 4C79.1K.W.L1 Volume: 100 ml Matrix: in H ₂ O	
Element	Concentration	Element	Concentration
Ca ²⁺	1000 mg/l	K ⁺	1000 mg/l
Mg ²⁺	1000 mg/l	Na ⁺	1000 mg/l

Standard 3 ions		Reference: 3905.1K.W.L1 Volume: 100 ml Matrix: in H ₂ O	
Element	Concentration	Element	Concentration
Cl ⁻	1000 mg/l	SO ₄ ²⁻	1000 mg/l
NO ₃ ⁻	1000 mg/l		

Eluent Concentrates

Sodium Carbonate	Reference: EL001.W.L1 Volume: 100 ml Matrix: in H ₂ O	Reference: EL001.W.L5 Volume: 500 ml Matrix: in H ₂ O
0.5M Carbonate - 100 times concentrated		

Sodium Bicarbonate	Reference: EL002.W.L1 Volume: 100 ml Matrix: in H ₂ O	Reference: EL002.W.L5 Volume: 500 ml Matrix: in H ₂ O
0.5M Bicarbonate - 100 times concentrated		

Carbonate Bicarbonate	Reference: EL003.W.L1 Volume: 100 ml Matrix: in H ₂ O	Reference: EL003.W.L5 Volume: 500 ml Matrix: in H ₂ O
0.22M Carbonate/ 0.28M Bicarbonate - 100 times concentrated		

Carbonate Bicarbonate	Reference: EL004.W.L1	Reference: EL004.W.L5
	Volume: 100 ml Matrix: in H ₂ O	Volume: 500 ml Matrix: in H ₂ O
0.18M Carbonate/ 0.17M Bicarbonate - 100 times concentrated		

Carbonate Bicarbonate	Reference: EL005.W.L1	Reference: EL005.W.L5
	Volume: 100 ml Matrix: in H ₂ O	Volume: 500 ml Matrix: in H ₂ O
0.35M Carbonate/ 0.10M Bicarbonate - 100 times concentrated		

Water For Chromatography

Water 0.2 micron filtered	Reference: CIW.1L
	Volume: 1000 ml



* Custom Standards for Ion Chromatography are available upon request.

