## If you've been searching for an atypical Ion Chromatography standard, look no further.

Over the years, we've developed the most complete line of IC standards on the market. Our technicians have stabilized more than a dozen rare anion and cation standards thatyou won't find anywhere else.

### Contents



- ✔ **Up to five-year shelf life**
- ✔ **Traceable to NIST SRMs**
- ✔ **Produced under ISO 9001**
- ✔ **Produced under ISO 17025**
- ✔ **Produced under ISO 17034**
- ✔ **Assayed by validated Wet Chemical procedures**
- ✔ **Assayed by validated IC procedures**

# ANION STANDARDS

1,000 µg/mL Anions

Custom anion standards are available upon request.

## 1,000 µg/mL

| ANALYTE | MATRIX | STARTING MATERIAL | VOLUME | CATALOG # |
|---|---|---|---|---|
| **Acetate, $C_2H_3O_2$-** | $H_2O$ | Sodium acetate | 125 mL<br>500 mL | ICOAC1-125ML<br>ICOAC1-500ML |
| **Adipate, $C_6H_8O_4^{-2}$** | $H_2O$ | Adipic acid | 125 mL | ICADP1-125ML |
| **Benzoate, $C_6H_5CO_2$-** | $H_2O$ | Benzoic acid | 125 mL | ICBEN1-125ML |
| **Bromate, $BrO_3$-** | $H_2O$ | $KBrO_3$ | 125 mL<br>500 mL | ICBRO31-125ML<br>ICBRO31-500ML |
| **Bromide, Br-** | $H_2O$ | KBr | 125 mL<br>500 mL | ICBR1-125ML<br>ICBR1-500ML |
| **Butyrate, $C_4H_7O_2$-** | $H_2O$ | Butyric acid | 125 mL | ICBTR1-125ML |
| **Carbonate, $CO_3^{-2}$** | $H_2O$ | $Na_2CO_3$ | 125 mL<br>500 mL | ICCO31-125ML<br>ICCO31-500ML |
| **Chlorate, $ClO_3$-** | $H_2O$ | $KClO_3$ | 125 mL<br>500 mL | ICCLO31-125ML<br>ICCLO31-500ML |
| **Chloride, Cl-** | $H_2O$ | KCl | 125 mL<br>500 mL | ICCL1-125ML<br>ICCL1-500ML |
| **Chlorite, $ClO_2$-** | $H_2O$ | $NaClO_2$ | 125 mL<br>500 mL | ICCLO21-125ML<br>ICCLO21-500ML |
| **Chromate, $CrO_4^{-2}$** | $H_2O$ | $(NH_4)_2\ Cr_2O_7$ | 125 mL | ICCRO41-125ML |
| **Citrate, $C_6H_5O_7^{-3}$** | $H_2O$ | Citric acid | 125 mL<br>500 mL | ICCIT1-125ML<br>ICCIT1-500ML |
| **Cyanide, NaCN** | $H_2O$ | Sodium cyanide | 20 mL | CN-1000-25-20ML |
| **Fluoride, F-** | $H_2O$ | NaF | 125 mL<br>500 mL | ICF1-125ML<br>ICF1-500ML |
| **Formate, $HCO_2$-** | $H_2O$ | Sodium formate | 125 mL<br>500 mL | ICHCO1-125ML<br>ICHCO1-500ML |
| **Glutarate, $C_5H_6O_4^{-2}$** | $H_2O$ | Glutaric acid | 125 mL | ICGTR1-125ML |
| **Glycolate, $C_2H_3O_3$-** | $H_2O$ | Glycolic acid | 125 mL | ICGLY1-125ML |
| **Iodide, I-** | $H_2O$ / stabilizer | $NH_4I$ | 125 mL<br>500 mL | ICI1-125ML<br>ICI1-500ML |
| **Lactate, $C_3H_5O_3$-** | $H_2O$ | Lactic acid | 125 mL | ICLCT1-125ML |
| **Malate, $C_4H_4O_5^{-2}$** | $H_2O$ | Malic acid | 125 mL | ICMLA1-125ML |
| **Maleate, $C_4H_2O_4^{-2}$** | $H_2O$ | Maleic acid | 125 mL | ICMLE1-125ML |
| **Malonate, $C_3H_2O_4^{-2}$** | $H_2O$ | Malonic acid | 125 mL | ICMLO1-125ML |
| **Methanesulfonate, $CH_3SO_3$-** | $H_2O$ | Methanesulfonic acid | 125 mL | ICMSA1-125ML |
| **Nitrate, $NO_3$-** | $H_2O$ | $NaNO_3$ | 125 mL<br>500 mL | ICNO31-125ML<br>ICNO31-500ML |
| **Nitrate as Nitrogen** | $H_2O$ | $NaNO_3$ | 125 mL<br>500 mL | ICNNO31-125ML<br>ICNNO31-500ML |
| **Nitrilotriacetate, $NC_6H_6O_6^{-3}$** | $H_2O$ | Nitrilotriacetic acid | 125 mL | ICNTA1-125ML |
| **Nitrite, $NO_2$-** | $H_2O$ | $NaNO_2$ | 125 mL<br>500 mL | ICNO21-125ML<br>ICNO21-500ML |
| **Nitrite as Nitrogen** | $H_2O$ | $NaNO_2$ | 125 mL<br>500 mL | ICNNO21-125ML<br>ICNNO21-500ML |

## 1,000 µg/mL Anions

Custom anion standards are available upon request.

### 1,000 µg/mL

| ANALYTE | MATRIX | STARTING MATERIAL | VOLUME | CATALOG # |
|---|---|---|---|---|
| **Oxalate, $C_2O_4^{-2}$** | $H_2O$ | Sodium oxalate | 125 mL<br>500 mL | ICOXA1-125ML<br>ICOXA1-500ML |
| **Perchlorate, $ClO_4$-** | $H_2O$ | $KClO_4$ | 125 mL<br>500 mL | ICCLO41-125ML<br>ICCLO41-500ML |
| **Phosphate, $PO_4^{-3}$** | $H_2O$ | $NH_4H_2PO_4$ | 125 mL<br>500 mL | ICPO41-125ML<br>ICPO41-500ML |
| **Phosphate as Phosphorus** | $H_2O$ | $NH_4H_2PO_4$ | 125 mL<br>500 mL | ICPPO41-125ML<br>ICPPO41-500ML |
| **Phthalate, $C_6H_4(CO_2)_2^{-2}$** | $H_2O$ | Potassium hydrogen phthalate | 125 mL | ICKHP1-125ML |
| **Propionate, $C_2H_5CO_2$-** | $H_2O$ | Sodium propionate | 125 mL | ICOPR1-125ML |
| **Succinate, $C_4H_4O_4^{-2}$** | $H_2O$ | Succinic acid | 125 mL | ICSCC1-125ML |
| **Sulfate, $SO_4^{-2}$** | $H_2O$ | $K_2SO_4$ | 125 mL<br>500 mL | ICSO41-125ML<br>ICSO41-500ML |
| **Tartrate, $C_4H_4O_6^{-2}$** | $H_2O$ | Tartaric acid | 125 mL | ICTRTR1-125ML |
| **Thiocyanate, SCN-** | $H_2O$ | KSCN | 125 mL | ICSCN1-125ML |
| **Thiosulfate, $S_2O_3^{-2}$** | $H_2O$ | Sodium thiosulfate | 125 mL<br>500 mL | ICS2O31-125ML<br>ICS2O31-500ML |

## 10,000 µg/mL

Custom anion standards are available upon request.

### 10,000 µg/mL

| ANALYTE | MATRIX | STARTING MATERIAL | VOLUME | CATALOG # |
|---|---|---|---|---|
| **Chloride, Cl-** | $H_2O$ | KCl | 125 mL<br>500 mL | ICCL10-125ML<br>ICCL10-500ML |
| **Sulfate, $SO_4^{-2}$** | $H_2O$ | $K_2SO_4$ | 125 mL<br>500 mL | ICSO410-125ML<br>ICSO410-500ML |

## 100 ppm

Custom anion standards are available upon request.

### 100 ppm

| ANALYTE | MATRIX | STARTING MATERIAL | VOLUME | CATALOG # |
|---|---|---|---|---|
| **Nitrite, $NO_2$-** | $H_2O$ | 100 | 125 mL | ICNO2-100PPM-125ML |

# CATION STANDARDS

1,000 µg/mL Cations

Custom cation standards are available upon request.

## 1,000 µg/mL

| ANALYTE | MATRIX | STARTING MATERIAL | VOLUME | CATALOG # |
|---|---|---|---|---|
| **3-Methoxypropylamine $CH_3O(CH_2)_3NH_2$** | HCl | 3-Methoxypropylamine | 125 mL | ICMPA1-125ML |
| **Ammonium, $NH_4^+$** | $H_2O$ | $NH_4Cl$ | 125 mL<br>500 mL | ICNH41-125ML<br>ICNH41-500ML |
| **Ammonium as Nitrogen** | $H_2O$ | $NH_4Cl$ | 125 mL<br>500 mL | ICNNH41-125ML<br>ICNNH41-500ML |
| **Barium, $Ba^{+2}$** | $HNO_3$ | $Ba(NO_3)_2$ | 125 mL | ICBA1-125ML |
| **Calcium, $Ca^{+2}$** | $HNO_3$ | CaO | 125 mL<br>500 mL | ICCA1-125ML<br>ICCA1-500ML |
| **Cesium, $Cs^+$** | $HNO_3$ | $CsNO_3$ | 125 mL | ICCS1-125ML |
| **Diethanolamine, $(HOCH_2CH_2)_2NH$** | $H_2O$ | Diethanolamine | 125 mL | ICDEA1-125ML |
| **Dimethylamine, $NH(CH_3)_2$** | HCl | Dimethylamine | 125 mL | ICDMA1-125ML |
| **Lithium, $Li^+$** | $HNO_3$ | $Li_2CO_3$ | 125 mL | ICLI1-125ML |
| **Magnesium, $Mg^{+2}$** | $HNO_3$ | Mg metal | 125 mL<br>500 mL | ICMG1-125ML<br>ICMG1-500ML |
| **Monoethanolamine, $HOCH_2CH_2NH_2$** | $H_2O$ | Monoethanolamine | 125 mL<br>500 mL | ICMEA1-125ML<br>ICMEA1-500ML |
| **Monomethylamine, $NH_2CH_3$** | HCl | Monomethylamine | 125 mL | ICMMA1-125ML |
| **Potassium, $K^+$** | $HNO_3$ | $KNO_3$ | 125 mL<br>500 mL | ICK1-125ML<br>ICK1-500ML |
| **Rubidium, $Rb^+$** | $HNO_3$ | $RbNO_3$ | 125 mL | ICRB1-125ML |
| **Sodium, $Na^+$** | $HNO_3$ | $Na_2CO_3$ | 125 mL<br>500 mL | ICNA1-125ML<br>ICNA1-500ML |
| **Strontium, $Sr^{+2}$** | $HNO_3$ | $SrCO_3$ | 125 mL | ICSR1-125ML |
| **Tetramethylammonium, $N^+(CH_3)_4$** | $H_2O$ | Tetramethylammonium hydroxide | 125 mL | ICTMAH1-125ML |
| **Triethanolamine, $(HOCH_2CH_2)_3N$** | $H_2O$ | Triethanolamine | 125 mL | ICTEA1-125ML |
| **Triethylamine, $(CH_3CH_2)_3N$** | HCl | Triethylamine | 125 mL | ICTA1-125ML |
| **Trimethylamine, $(CH_3)_3N$** | HCl | Trimethylamine | 125 mL | ICTMA1-125ML |

Multi-Ion Standards

| Anion Calibration Standard | | | |
|---|---|---|---|
| **IC-FAS-1A** I | | Matrix: $H_2O$ | |
| **IC-FAS-1A-125ML**<br>**IC-FAS-1A-500ML** | | Volume: 125 mL<br>Volume: 500 mL | |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **Br-** | 100 | **$NO_2$-** | 100 |
| **Cl-** | 30 | **$PO_4^{-3}$** | 150 |
| **F-** | 20 | **$SO_4^{-2}$** | 150 |
| **$NO_3$-** | 100 | | |

For anion analysis of water samples by ion chromatography (IC). Contains 7 "common anions" as defined by EPA and Standard Methods.

| Cation Calibration Standard | | | |
|---|---|---|---|
| **IC-SCS1** I | | Matrix: $HNO_3$ | |
| **IC-SCS1-125ML** | | Volume: 125 mL | |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **$Ca^{+2}$** | 1,000 | **$Mg^{+2}$** | 200 |
| **$K^+$** | 200 | **$Na^+$** | 200 |
| **$Li^+$** | 50 | **$NH_4^+$** | 400 |

Used for daily calibration.

For cation analysis of water samples by ion chromatography (IC).

| Cation Calibration Standard | | | |
|---|---|---|---|
| **IV-STOCK-7** I | | Matrix: $HNO_3$ | |
| **IV-STOCK-7-125ML**<br>**IV-STOCK-7-500ML** | | Volume: 125 mL<br>Volume: 500 mL | |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **$Ba^{+2}$** | 100 | **$Mn^{+2}$** | 100 |
| **$Ca^{+2}$** | 100 | **$Na^+$** | 100 |
| **$K^+$** | 100 | **$NH_4^+$** | 100 |
| **$Li^+$** | 100 | **$Sr^{+2}$** | 100 |
| **$Mg^{+2}$** | 100 | | |

Used for daily calibration.

For use as a certified reference standard in ion chromatography (IC) applications.

| Anion Calibration Standard | | | |
|---|---|---|---|
| **IV-STOCK-59** I | | Matrix: $H_2O$ | |
| **IV-STOCK-59-125ML**<br>**IV-STOCK-59-500ML** | | Volume: 125 mL<br>Volume: 500 mL | |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **Br-** | 1000 | **$NO_2$-** | 1000 |
| **Cl-** | 1000 | **$PO_4^{-3}$** | 1000 |
| **F-** | 1000 | **$SO_4^{-2}$** | 1000 |
| **$NO_3$-** | 1000 | | |

For use as a certified reference standard in ion chromatography (IC) applications.

| Anion Mix A | |
|---|---|
| **IV-STOCK-61** | Matrix: $H_2O$ |
| **IV-STOCK-61-125ML**<br>**IV-STOCK-61-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **Range** |
| **Br-** | 20 |
| **F-** | 10 |
| **$NO_2$-** | 20 |
| **$SO_4^{-2}$** | 30 |
| **Cl-** | 20 |
| **$NO_3$-** | 20 |
| **$PO_4^{-3}$** | 30 |

For use as a certified reference standard in ion chromatography (IC) applications.

| Cation Mix B | |
|---|---|
| **IV-STOCK-62** | Matrix: $H_2O$ |
| **IV-STOCK-62-125ML** | Volume: 125 mL |
| **Analyte** | **Range** |
| **Ca** | 2.0 |
| **K** | 2.5 |
| **Li** | 0.2 |
| **Mg** | 2.0 |
| **Na** | 1.5 |
| **$NH_4^+$** | 1.5 |

For use as a certified reference standard in ion chromatography (IC) applications.

I Common Multi-Ion Standards

## Multi-Ion Standards

| Anion Mix 4 | |
|---|---|
| **IV-STOCK-63** | Matrix: $H_2O$ |
| **IV-STOCK-63-125ML** | Volume: 125 mL |
| **Analyte** | **Range** |
| **Br-** | 40 |
| **F-** | 20 |
| **$NO_2$-** | 40 |
| **Cl-** | 40 |
| **$NO_3$-** | 40 |
| **$SO_4^{-2}$** | 40 |

For use as a certified reference standard in ion chromatography (IC) applications.

| Anion Mix 5 | |
|---|---|
| **IV-STOCK-64** | Matrix: $H_2O$ |
| **IV-STOCK-64-125ML**<br>**IV-STOCK-64-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **Range** |
| **Br-** | 50 |
| **Cl-** | 50 |
| **F** | 25 |
| **$NO_3$-** | 50 |
| **$NO_2$-** | 50 |
| **$PO_4^{-3}$** | 50 |
| **$SO_4^{-2}$** | 50 |

For use as a certified reference standard in ion chromatography (IC) applications.

## Eluent Concentrates

Custom eluent concentrates are available upon request. All Eluents supplied with Product Information Sheet.

| 0.18 M Sodium Carbonate/0.17 M Sodium Bicarbonate | | |
|---|---|---|
| **ELUENT1817-100ML**<br>**ELUENT1817-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of 1.8 mM $CO_3^{-2}$ / 1.7 mM $HCO_3$- eluent. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate (100x); To prepare 1.8 mM carbonate/1.7 mM bicarbonate eluent for IC applications; ISO 17034 Reference Material.

| 0.35 M Sodium Carbonate/0.10 M Sodium Bicarbonate | | |
|---|---|---|
| **ELUENT3510-100ML**<br>**ELUENT3510-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of 3.5 mM $CO_3^{-2}$ / 1.0 mM $HCO_3$- eluent. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate (100x); To prepare 3.5 mM carbonate/1.0 mM bicarbonate eluent for IC applications; ISO 17034 Reference Material.

| 0.45 M Sodium Carbonate/0.14 M Sodium Bicarbonate | | |
|---|---|---|
| **ELUENT4514-500ML** | Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of 3.5 mM $CO_3^{-2}$ / 1.0 mM $HCO_3$- eluent. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate (100x); To prepare 3.5 mM carbonate/1.0 mM bicarbonate eluent for IC applications; ISO 17034 Reference Material.

| 0.5 M Sodium Bicarbonate | | |
|---|---|---|
| **BICARB-100ML**<br>**BICARB-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of various $CO_3^{-2}$ / $HCO_3$- eluents. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate; To prepare carbonate/bicarbonate eluent for IC applications; ISO 17034 Reference Material.

Eluent Concentrates

| 0.5 M Sodium Carbonate | | |
|---|---|---|
| **CARB-100ML**<br>**CARB-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of various $CO_3^{-2}$ / $HCO_3^-$ eluents. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate; To prepare carbonate/bicarbonate eluent for IC applications; ISO 17034 Reference Material; Supplied with Product Information Sheet.

| 1.8 M Methanesulfonic Acid | | |
|---|---|---|
| **MSAELUENT-100ML**<br>**MSAELUENT-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution: 1:100 |
| For preparation of 18 mM $CH_3SO_3H$ eluent for analyzing cations. | | |

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate (100x); To prepare 18 mM methanesulfonic acid eluent for IC applications; ISO 17034 Reference Material; Supplied with Product Information Sheet.

Method 300.0 & 300.1

## 300.0 Rev. 2.1 Part A / 300.1 Part A

Custom EPA standards are available upon request.

| 0.18 M Sodium Carbonate/0.17 M Sodium Bicarbonate | | |
|---|---|---|
| **ELUENT1817-100ML**<br>**ELUENT1817-500ML** | Volume: 100 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution 1:100 |

For preparation of 1.8 mM $CO_3^{-2}$ / 1.7 mM $HCO_3^-$ eluent.

This solution is a reagent and is not intended to be used as a certified reference material. Concentrate (100x); To prepare 1.8 mM carbonate/1.7 mM bicarbonate eluent for IC applications; ISO 17034 Reference Material; Supplied with Product Information Sheet.

| Calibration Standard | | | |
|---|---|---|---|
| **300-CAL-A-125ML**<br>**300-CAL-A-500ML** | | Volume: 125 mL<br>Volume: 500 mL | Matrix: $H_2O$<br>Dilution 1:10 to 1:100 |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **Br-** | 100 | **Nitrite as Nitrogen** | 30 |
| **Cl-** | 30 | **Nitrate as Nitrogen** | 25 |
| **F-** | 20 | **Phosphate as Phosphorus** | 50 |
| **$SO_4^{-2}$** | 150 | | |

For use as ion chromatography calibration standard in EPA Method 300.0. Also suitable for use as common anions standard in EPA Method 300.1.

| Dichloroacetate Standard | | |
|---|---|---|
| **ICDCA-S-125ML**<br>**ICDCA-S-500ML** | Volume: 125 mL<br>Volume: 500 mL | Matrix: $H_2O$ |
| **Analyte** | **µg/mL** | |
| **$Cl_2HC_2O_2^-$** | 500 | |

For use as a surrogate analyte.

For use as a surrogate analyte in ion chromatography (IC) analysis.

Method 300.0 & 300.1

## 300.0 Rev. 2.1 Part A / 300.1 Part A

Custom EPA standards are available upon request.

| Laboratory Fortification Stock Standard | | | |
|---|---|---|---|
| **300-LFS-A-125ML** | | Volume: 125 mL | Matrix: $H_2O$<br>Dilution 1:100 to 1:1,000 |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **Br-** | 1,000 | **Nitrite as Nitrogen** | 300 |
| **Cl-** | 300 | **Nitrate as Nitrogen** | 300 |
| **F-** | 200 | **Phosphate as Phosphorus** | 500 |
| **$SO_4^{-2}$** | 1,500 | | |

This standard is used to prepare the Laboratory Fortified Blank and the Laboratory Fortified Sample Matrix

For use as ion chromatography laboratory fortified blank or fortified sample matrix solution in EPA Method 300.0. Also suitable for use as common anions fortified blank or fortified sample matrix solution in EPA Method 300.1.

| QC Standard/Instrument Performance Check† | | | |
|---|---|---|---|
| **QCP-QCS-5-125ML** | | Volume: 125 mL | Matrix: $H_2O$<br>Dilution 1:10 to 1:100 |
| **Analyte** | **µg/mL** | **Analyte** | **µg/mL** |
| **Br-** | 50 | **Nitrite as Nitrogen** | 15 |
| **Cl-** | 15 | **Nitrate as Nitrogen** | 10 |
| **F-** | 10 | **Phosphate as Phosphorus** | 25 |
| **$SO_4^{-2}$** | 75 | †Manufactured from in-house Second Source concentrates. | |

Can be used to prepare the QC Sample or the IPC Solution.

For use as a general ion chromatogrpahy quality control standard

## Method 300.0 & 300.1

**300.1 Part B** Custom EPA standards are available upon request.

| Bromate | |
|---|---|
| **ICBRO31** | Matrix: $H_2O$ |
| **ICBRO31-125ML**<br>**ICBRO31-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **$BrO_3$-** | 1,000 |

| Chlorate | |
|---|---|
| **ICCLO31** | Matrix: $H_2O$ |
| **ICCLO31-125ML**<br>**ICCLO31-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **$ClO_3$-** | 1,000 |

| Bromide | |
|---|---|
| **ICBR1** | Matrix: $H_2O$ |
| **ICBR1-125ML**<br>**ICBR1-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **Br-** | 1,000 |

| Dichloroacetate Standard | |
|---|---|
| **ICDCA-S** | Matrix: $H_2O$ |
| **ICDCA-S-125ML**<br>**ICDCA-S-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **$Cl_2HC_2O_2$-** | 500 |

For use as a surrogate analyte.

| Chlorite | |
|---|---|
| **ICCLO21** | Matrix: $H_2O$ |
| **ICCLO21-125ML**<br>**ICCLO21-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **$ClO_2$-** | 1,000 |

NOTE: Contains less than 10ppm $ClO_3^-$.

## Method 314.0

Custom EPA standards are available upon request.

| 1,400 µmhos/cm Conductivity at 25°C | |
|---|---|
| **CON1400-25** | Matrix: $H_2O$ |
| **CON1400-25-125ML**<br>**CON1400-25-500ML**<br>**CON1400-25-1L** | Volume: 125 mL<br>Volume: 500 mL<br>Volume: 1 L |

For the calibration of analytical instruments and validation of analytical methods as appropriate. Preserved with antimicrobial agent.

| Perchlorate | |
|---|---|
| **ICCLO41** | Matrix: $H_2O$ |
| **ICCLO41-125ML**<br>**ICCLO41-500ML** | Volume: 125 mL<br>Volume: 500 mL |
| **Analyte** | **µg/mL** |
| **$ClO_4$-** | 1,000 |