



Should you ever have a problem with any standard, Water QC or otherwise, let us know. We'll immediately investigate the problem by testing a retained sample of your solution. If the error is on our end, you'll be offered a full refund or a free replacement — your choice.

Our priority is your total satisfaction.

Customer Satisfaction — The primary reason we flex to your specs.

- ✓ Up to four-year shelf life
- ✓ Traceable to NIST SRMs
- ✓ Produced under ISO 9001
- ✓ Produced under ISO 17025
- ✓ Produced under ISO 17034
- ✓ Assayed by optimal validated procedures

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Custom potable water standards for certain products are available upon request.

Bromate	
ICBR031	Matrix: H ₂ O
ICBR031-125ML ICBR031-500ML	Volume: 125 mL Volume: 500 mL
Analyte	µg/mL
BrO ₃ ⁻	1,000

Bromide	
ICBR1	Matrix: H ₂ O
ICBR1-125ML ICBR1-500ML	Volume: 125 mL Volume: 500 mL
Analyte	µg/mL
Br ⁻	1,000

Cation Standard	
QCP-CAT-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:100
Analyte	Range
Ca ⁺²	3.5–110 mg/L
K ⁺	4–40 mg/L
Mg ⁺²	2–40 mg/L
Na ⁺	6–100 mg/L

Chlorate	
ICCLO31	Matrix: H ₂ O
ICCLO31-125ML ICCLO31-500ML	Volume: 125 mL Volume: 500 mL
Analyte	µg/mL
ClO ₃ ⁻	1,000

Chlorite	
ICCLO21	Matrix: H ₂ O
ICCLO21-125ML ICCLO21-500ML	Volume: 125 mL Volume: 500 mL
Analyte	µg/mL
ClO ₂ ⁻	1,000

NOTE: Contains less than 10ppm ClO₃⁻.

Cyanide Standard	
QCP-CN-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Total Cyanide	0.1–1 mg/L
Free Cyanide	0.05–0.5 mg/L
Cyanide Amenable to Chlorination	0.05–0.5 mg/L

Demand Standard	
QCP-DMD-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
TOC	6–100 mg/L
COD	30–250 mg/L
CBOD	15–250 mg/L
BOD	15–250 mg/L

Hg Standard	
QCP-HG-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:200
Analyte	Range*
Hg	2–30 µg/L

Used in conjunction with QCP-TMS and QCP-MTL. *Parts per billion

POTABLE WATER STANDARDS

Potable Water Standards

Water Hardness Standard	
QCP-WH-500ML	Volume: 500 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
Ca	8.7–275 mg/L
Mg	2.9–92 mg/L
Hardness as CaCO₃	17–440 mg/L

pH Standard	
QCP-PH-20ML	Volume: 20 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
pH	5–10 units

Metals Standard	
QCP-MTL-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:200
Analyte	Range*
Ag	26–1,000 µg/L
Al	200–4,000 µg/L
As	70–900 µg/L
Ba	100–2,500 µg/L
Be	8–900 µg/L
Ca	3.5–110 mg/L
Cd	8–1,000 µg/L
Cr	17–1,000 µg/L
Cu	40–1,000 µg/L
Fe	200–4,000 µg/L
Mn	70–4,000 µg/L
Ni	80–3,000 µg/L
Pb	70–3,000 µg/L
Sb	90–900 µg/L
Se	90–2,000 µg/L
Tl	60–900 µg/L
Zn	100–2,000 µg/L

*Parts per billion

Minerals Standard	
QCP-MIN-500ML	Volume: 500 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
Cl⁻	35–275 mg/L
F⁻	0.3–4 mg/L
K⁺	4–40 mg/L
Nitrate as Nitrogen	0.25–40 mg/L
Conductivity	200–1,200 µmhos
Alkalinity	10–400 mg/L
Na⁺	6–100 mg/L
SO₄⁻²	5–125 mg/L

Nitrite Standard	
QCP-NT-20ML	Volume: 20 mL Matrix: H ₂ O Dilution: 1:100
Analyte	Range
Nitrite as Nitrogen	0.4–4 mg/L

Simple Nutrients Standard	
QCP-NUT-1-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Phosphate as Phosphorus	0.5–5.5 mg/L
Nitrate plus Nitrite as Nitrogen	0.25–40 mg/L
Nitrate as Nitrogen	0.25–40 mg/L
Ammonium as Nitrogen	0.65–20 mg/L

Simulated Rainwater Standard	
QCP-RAIN-125ML	Volume: 125 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
Ca ⁺²	0.05–0.5 mg/L
Cl ⁻	0.1–5 mg/L
F ⁻	0.05–1 mg/L
K ⁺	0.05–1 mg/L
Mg ⁺²	0.05–0.5 mg/L
pH	3.5–4.5 units
Conductivity	20–120 µmhos
Na ⁺	0.2–2 mg/L
NH ₄ ⁺	0.1–1.5 mg/L
NO ₃ ⁻	0.1–10 mg/L
SO ₄ ⁻²	1–12 mg/L

Total Residual Chlorine Standard	
QCP-TRC-10ML	Volume: 10 mL Matrix: H ₂ O Dilution: 1:200
Analyte	Range
Total Residual Chlorine	0.5–3.0 mg/L

Turbidity Standard	
QCP-TURB-20ML	Volume: 20 mL Matrix: H ₂ O Dilution: 1:100
Analyte	Range
Turbidity	2–30 NTU

Custom wastewater standards for certain products are available upon request.

Cation Standard	
QCP-CAT-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:100
Analyte	Range
Ca ⁺²	3.5–110 mg/L
K ⁺	4–40 mg/L
Mg ⁺²	2–40 mg/L
Na ⁺	6–100 mg/L

Complex Nutrients Standard	
QCP-NUT-2-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Total Organic Phosphorus as Phosphorus (P)	0.5–10 mg/L
Total Kjeldahl Nitrogen as Nitrogen (N)	1.5–35 mg/L

Chromium ⁺⁶ Standard	
QCP-CR6-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:100
Analyte	Range*
Cr ⁺⁶	45–900 µg/L

Cyanide Standard	
QCP-CN-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Total Cyanide	0.01–1 mg/L
Free Cyanide	0.05–0.5 mg/L
Cyanide Amenable to Chlorination	0.05–0.5 mg/L

*Parts per billion

WASTEWATER STANDARDS

Wastewater Standards

Demand Standard	
QCP-DMD-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
TOC	6–100 mg/L
COD	30–250 mg/L
CBOD	15–250 mg/L
BOD	15–250 mg/L

Water Hardness Standard	
QCP-WH-500ML	Volume: 500 mL Matrix: HNO ₃ Dilution: Certificate of Analysis
Analyte	Range
Ca	8.7–275 mg/L
Mg	2.9–92 mg/L
Hardness as CaCO₃	17–440 mg/L

Hg Standard	
QCP-HG-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:200
Analyte	Range*
Hg	2–30 µg/L

Can be used in conjunction with QCP-TMS and QCP-MTL. *Parts per billion.

Minerals Standard	
QCP-MIN-500ML	Volume: 500 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
Cl⁻	35–275 mg/L
F⁻	0.3–4 mg/L
K⁺	4–40 mg/L
Nitrate as Nitrogen	0.25–40 mg/L
Conductivity	200–1,200 µmhos
Alkalinity	10–400 mg/L
Na⁺	6–100 mg/L
SO₄⁻²	5–125 mg/L

Oil & Grease Standard	
QCP-OG-A-20ML	Volume: 20 mL Matrix: Acetone Dilution 1:100
Analyte	Range
Oil & Grease	20–200 mg/L

Applicable to gravimetric methods only.

Oil & Grease Standard	
QCP-OG-W-250ML	Volume: 250 mL Matrix: H ₂ O Dilution: See Certificate of Analysis
Analyte	Range
Oil & Grease	20–200 mg/L

pH Standard	
QCP-PH-20ML	Volume: 20 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
pH	5–10 units

Phenolics Standard	
QCP-PHEN-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Total Phenolics	0.06–5 mg/L

Simple Nutrients Standard	
QCP-NUT-1-20ML	Volume: 20 mL Matrix: H ₂ O Dilution 1:200
Analyte	Range
Phosphate as Phosphorus	0.5–5.5 mg/L
Nitrate plus Nitrite as Nitrogen	0.25–40 mg/L
Nitrate as Nitrogen	0.25–40 mg/L
Ammonium as Nitrogen	0.65–20 mg/L

Solids Standard	
QCP-SLD-450ML	Volume: 450 mL Matrix: H ₂ O Dilution: Ready to Use
Analyte	Range
Total Solids (total residue)	140–800 mg/L
Suspended Solids (nonfilterable residue)	20–100 mg/L
Dissolved Solids (filterable residue)	140–800 mg/L

Total Residual Chlorine Standard	
QCP-TRC-10ML	Volume: 10 mL Matrix: H ₂ O Dilution: 1:200
Analyte	Range
Total Residual Chlorine	0.5–3.0 mg/L

1,000 µg/mL Total Cyanide	
CN-1000-25-20ML	Volume: 20 mL Matrix: H ₂ O
Analyte	µg/mL
CN⁻	1,000

Mercury Standard	
MSHG-1PPM	Matrix: HCl
MSHG-1PPM-125ML MSHG-1PPM-500ML	Volume: 125 mL Volume: 500 mL
Analyte	µg/mL
Hg	1

Trace Metals Standard	
QCP-TMS-20ML	Volume: 20 mL Matrix: HNO ₃ Dilution 1:100
Analyte	Range*
Ag	26–1,000 µg/L
Al	200–4,000 µg/L
As	70–900 µg/L
B	800–2,000 µg/L
Ba	100–2,500 µg/L
Be	8–900 µg/L
Cd	8–1,000 µg/L
Co	28–1,000 µg/L
Cr	17–1,000 µg/L
Cu	40–1,000 µg/L
Fe	200–4,000 µg/L
Mn	70–4,000 µg/L
Mo	60–600 µg/L
Ni	80–3,000 µg/L
Pb	70–3,000 µg/L
Sb	90–900 µg/L
Se	90–2,000 µg/L
Sr	30–500 µg/L
Tl	60–900 µg/L
V	50–2,000 µg/L
Zn	100–2,000 µg/L

*Parts per billion

Turbidity Standard	
QCP-TURB-20ML	Volume: 20 mL Matrix: H ₂ O Dilution: 1:100
Analyte	Range
Turbidity	2–30 NTU

TOTAL ORGANIC CARBON (TOC) STANDARDS

TOC Standards

Custom wastewater standards are available upon request.

ANALYTE	MATRIX	STARTING MATERIAL	VOLUME	CATALOG #
Carbon, C	H ₂ O	KHP	125 mL	TOCKHP1-125ML
			500 mL	TOCKHP1-500ML



Don't see
exactly what
you are
looking for?

Give us a call. Custom reference
materials are our specialty.

