



Ready-to-Use Analytical Standards and Solutions



Your One Stop Shop for High Quality Laboratory Standards, Solutions, and Reagents

We have the right chemical testing solutions, ready when you need them. As the largest independent manufacturer of ready-to-use analytical solutions and standards in North America, our dedicated team of technical and service experts will ensure that you receive the products you need in the lab, in the field, and on the production floor. **Precise Chemistry. Delivered Convenience.**



Why RICCA?

- Technical Support every step of the way
- Over 45 years successfully serving scientists
- Cost Savings - time, effort, inventory
- Tight specifications for more accurate results and less lot-to-lot variance
- 3 manufacturing / 4 distribution warehouses to ensure risk mitigation of supply chain disruption
- Extensive breadth of line for one-stop shopping
- Confidential custom capabilities
- Continuous product line expansion

Source with RICCA and Expect:

- Certificate of Analysis, Safety Data Sheets, current inventory, and order status available on our website 24/7
- NIST Traceability, where available
- Stable and consistently performing products
- Chemistry degreed support staff
- Increased accuracy in your results
- High quality documentation
- ISO 9001 Certified and ISO 17025/17034 Accredited
- FDA, CGMP compliant facilities



Find it at fishersci.com and fishersci.ca



Product Offerings

Buffers

pH Calibration

- Reference^{*}
- Precision Reference^{*}
- Buffer Concentrates^{*}

pH Control

- Dissolution
- Phosphate
- Acetate

Compendial Solutions

- ACS
- AOAC
- APHA
- ASTM
- EPA
- TAPPI
- USP/EP

Solvents

- Alcohol
- Blends
- Extraction Chemicals
- HPLC Grade Reagents
- Hydrocarbon
- Oxygenated
- Surfactant

General Use

Cleaning Solutions

- Electrode
- Surface
- Glassware
- Equipment

Other Aqueous Solutions

Non-Aqueous Solutions

Reagent Grade Chemicals

Acids

- Hydrochloric Acid
- Sulfuric Acid
- Nitric Acid
- Trichloroacetic Acid
- Acetic Acid
- Boric Acid
- Citric Acid
- Hydrofluoric Acid
- Phosphoric Acid

Bases

- Sodium Hydroxide
- Potassium Hydroxide
- Ammonium Hydroxide

Standards

Conductivity/TDS^{}*

- Potassium Chloride^{*}
- Sodium Chloride^{*}

Ion Selective Electrodes (ISE)

- Ionic Strength Adjustors
- Filling Solutions
- ISE Standards

Color Standards

- USP Colorimetric
- EP Colorimetric
- Gardner
- Platinum-Cobalt (APHA-Hazen)

UV-VIS Absorbance

Oxidation-Reduction Potential

Turbidity

Specific Gravity

Spectroscopy

ICP/ICP-MS^{}*

- Single Elements^{*}
- Multi-element^{*}

Atomic Absorption (AA)^{}*

- Single Elements^{*}
- Ionization Buffer Agents
- GFAA^{*}
- Calibration & Spiking Blends^{*}
- Matrix Modifiers
- CVAA^{*}

Ion Chromatography (IC)^{}*

- Chlorine Equivalent^{*}
- Nitrogen/Nitrate/Nitrite^{*}
- Ammonia^{*}
- Carbon^{*}
- BOD/COD^{*}
- Chloride^{*}
- Fluoride^{*}
- Sulfate^{*}
- Phosphate^{*}

Titration

Acids (Aqueous, Non-Aqueous)

- Hydrochloric
- Sulfuric
- Nitric
- Acetic
- Perchloric

Bases (Aqueous, Non-Aqueous)

- Sodium Hydroxide
- Potassium Hydroxide
- Sodium Carbonate
- Ammonium Hydroxide

Oxidation-Reduction (Redox)

- Sodium Thiosulfate
- Potassium Permanganate
- Phenylarsine Oxide
- Iodate
- Iodate-Iodide
- Biiodate
- Bromate-Bromide
- Potassium Dichromate
- Iodine
- Ferrous Ammonium Sulfate
- Ceric Sulfate

Other Titrants

- EDTA
- Mercuric Nitrate
- Calcium Chloride
- Potassium Thiocyanate
- Sodium Chloride
- Zinc Sulfate
- Silver Nitrate

Karl Fischer Reagents

- Coulometric Reagents
- Volumetric Reagents
- Solvents
- Water Standards

Indicators

- Mixed Indicators
- Universal Indicators
- Acid-Base Indicators
- Adsorption Indicators
- Hardness Indicators
- Oxidation Reduction Indicators
- Complexometric Indicators

High Purity Water

- ACS/ASTM Type I-IV
- Distilled
- HPLC Grade
- LC/MS Grade
- Sterile Molecular Biology Grade
- USP/EP
- USP Purified, Sterile (WFI Quality)

In-Vitro Diagnostics

- Clinical Reagents
- Cytology Reagents
- Fixatives & Stains
- Histology Reagents
- Microbiology Reagents

^{*} Tested in an ISO 17025 accredited laboratory options available
^{*} Certified Reference Material ISO 17034 options available

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