



Ready-to-Use Analytical  
Solutions and Standards

## Your One Stop Shop for High Quality Laboratory Standards, Solutions, and Reagents for Results You Can Trust

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.



### 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 facilities/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
- Stable and consistently performing products
- Chemist degreed support staff
- Increased accuracy in your results
- High quality documentation
- ISO 17025 accredited laboratories, FDA, cGMP compliant facilities

### Contact us at:

[Sales@riccachemical.com](mailto:Sales@riccachemical.com)  
888-GO-RICCA (467-4222)

### Visit Us Online:

[www.riccachemical.com](http://www.riccachemical.com)

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# Product Offerings

## Buffers

### *pH Calibration ISO 17025*

- Reference
- Precision Reference
- Buffer Concentrates

### *pH Control*

- Dissolution
- Phosphate
- Acetate
- Other Buffers

## Compendial Solutions

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

## Solvents

- Alcohol
- Blends
- Extraction Chemicals
- HPLC Grade Reagents
- Hydrocarbon
- Oxygenated
- Surface Cleaning Solutions
- Surfactant

## General Use

### *HPLC Reagents Cleaning Solutions*

- Electrode
- Surface
- Glassware
- Equipment

### *Acids*

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

### *Bases*

- Sodium Hydroxide
- Potassium Hydroxide
- Ammonium Hydroxide
- Other Bases

### *Other Aqueous Solutions*

### *Non-Aqueous Solutions*

### *Reagent Grade Chemicals*

### *Solvents*

## Standards

### *Conductivity/TDS - ISO 17025*

- Potassium Chloride

- Sodium Chloride
- Ion Selective Electrode (ISE)*
- Ionic Strength Adjustors
- Filling Solutions
- ISE Standards

### *Ion Chromatography (IC) ISO 17025/Guide 34*

- Eluants
- Standards
- Color Standards*
- USP Colorimetric
- EP Colorimetric
- Gardner
- Platinum-Cobalt (APHA-Hazen)

### *UV-VIS Absorbance*

### *Oxidation-Reduction Potential*

### *Turbidity*

### *Specific Gravity*

## Spectroscopy ISO 17025/Guide 34

### *ICP/ICP-MS*

- Single Elements
- Multi-element
- Atomic Absorption (AA)*
- Single Elements
- Ionization Buffer Agents
- GFAA
- Calibration & Spiking Blends
- Matrix Modifiers
- CVAA

## Ion Chromatography ISO 17025/Guide 34 Anions/Nonmetals

- Chlorine Equivalent
- Nitrogen/Nitrate/Nitrite
- Ammonia
- Carbon
- BOD/COD
- Chloride
- Fluoride
- Sulfate
- Phosphate

## High Purity Water

- LC/MS Grade Water
- Molecular Biology Grade
- ASTM Types I-IV
- HPLC
- USP/EP Purified
- USP Purified, Sterile

## Proteomics

- Protein Crosslinkers
- Protein Modifiers
- LCMS Mobile Phases
- GC Derivatization Reagents
- Molecular Biology Buffers and Solvents

## Titrants

### *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

### *pH Indicators*

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

