

Conductivity Standards



RIGHT

Uncompromising Quality

READY

3 Manufacturing/
Inventory Locations

RICCA

Tightest Tolerances in the Industry,
Lowest Lot-to-Lot Variability

Ricca: the leading name in high quality Conductivity Standards for over 40 years. Using Ricca Conductivity Standards will provide a precise control to produce accurate measurements every time.

Don't see the Conductivity Standard value you are looking for? No problem! Just contact us at technicalservices@riccachemical.com. With multiple facilities and many products in stock ready to ship, we can meet your needs with rapid delivery to anywhere in the North America.

We offer fast cost-effective Custom Blending Services to your specifications.

- **Tested in our ISO 17025 Accredited Laboratories**
- Certified Traceable to NIST Standard Reference Material when available
- Packaging sizes from 20 mL Pouch to 20L
- Many C of As and labels contain TDS and conductance information
- Sodium Chloride and Potassium Chloride starting material options available
- Wide range of concentrations, from 5 $\mu\text{mho/cm}$ to 400,000 $\mu\text{mho/cm}$ ($\mu\text{mho/cm} = \mu\text{/cm}$)



Why Source with RICCA?

RIGHT

- Tightest Specifications in the industry, lowest lot-to-lot variability
- ISO 17025 Accredited Laboratories, FDA, cGMP compliant facilities
- All products Certified Traceable to NIST Standards when available

READY

- Nationwide manufacturing/inventory locations
- Full documentation available for each product - Certificate of Analysis
- Chemists ready to assist you in selecting the right chemical

RICCA

- Over 40 years of successfully serving you, our customer



Contact Us At:

customerservice@riccachemical.com

(888) GO-RICCA (467-4222)

Visit Us Online:

www.riccachemical.com



Conductivity Standards

Ricca offers over two times the catalog numbers than other chemical manufacturers. We offer a wide range of concentrations as well as various starting materials. Many of Ricca's conductivity standards can also be used as Total Dissolved Solids Standards.

Potassium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R5885020-500A	KCl Conductivity Standard, 20 μ S/cm, Natural Poly	500mL
R5885020-1A	KCl Conductivity Standard, 20 μ S/cm, Natural Poly	1L
R5885020-4A	KCl Conductivity Standard, 20 μ S/cm, Natural Poly	4L
R5885050-250A	KCl Conductivity Standard, 5 μ S/cm, Natural Poly	250mL
R5885050-500A	KCl Conductivity Standard, 5 μ S/cm, Natural Poly	500mL
R5885050-1A	KCl Conductivity Standard, 5 μ S/cm, Natural Poly	1L
R5885050-4A	KCl Conductivity Standard, 5 μ S/cm, Natural Poly	4L
R5885100-250A	KCl Conductivity Standard, 10 μ S/cm, Natural Poly	250mL
R5885100-500A	KCl Conductivity Standard, 10 μ S/cm, Natural Poly	500mL
R5885100-1A	KCl Conductivity Standard, 10 μ S/cm, Natural Poly	1L
R5885130-500A	KCl Conductivity Standard, 12.9 μ S/cm, Natural Poly	500mL
R5885130-1A	KCl Conductivity Standard, 12.9 μ S/cm, Natural Poly	1L
R5886500-250A	KCl Conductivity Standard, 50 μ S/cm, Natural Poly	250mL
R5886500-500A	KCl Conductivity Standard, 50 μ S/cm, Natural Poly	500mL
R5886500-1A	KCl Conductivity Standard, 50 μ S/cm, Natural Poly	1L
R5886500-20F	KCl Conductivity Standard, 50 μ S/cm, Cubitainer®	20L
R5886840-500A	KCl Conductivity Standard, 84 μ S/cm, Natural Poly	500mL
R5886840-1A	KCl Conductivity Standard, 84 μ S/cm, Natural Poly	1L
R5887000-500A	KCl Conductivity Standard, 100 μ S/cm, Natural Poly	500mL
R5887000-1A	KCl Conductivity Standard, 100 μ S/cm, Natural Poly	1L
R5887000-4A	KCl Conductivity Standard, 100 μ S/cm, Natural Poly	4L
R5887000-10F	KCl Conductivity Standard, 100 μ S/cm, Cubitainer®	10L
R5887000-20F	KCl Conductivity Standard, 100 μ S/cm, Cubitainer®	20L
R5887250-1A	KCl Conductivity Standard, 180 μ S/cm, Natural Poly	1L
R5887280-500A	KCl Conductivity Standard, 200 μ S/cm, Natural Poly	500mL
R5887280-1A	KCl Conductivity Standard, 200 μ S/cm, Natural Poly	1L
R5887280-4A	KCl Conductivity Standard, 200 μ S/cm, Natural Poly	4L
R5887280-10F	KCl Conductivity Standard, 200 μ S/cm, Cubitainer®	10L
R5887280-20F	KCl Conductivity Standard, 200 μ S/cm, Cubitainer®	20L
R5887300-500A	KCl Conductivity Standard, 250 μ S/cm, Natural Poly	500mL



Potassium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R5887300-1A	KCl Conductivity Standard, 250 μ S/cm, Natural Poly	1L
R5887300-4A	KCl Conductivity Standard, 250 μ S/cm, Natural Poly	4L
R5887300-20F	KCl Conductivity Standard, 250 μ S/cm, Cubitainer [®]	20L
R5887500-500A	KCl Conductivity Standard, 500 μ S/cm, Natural Poly	500mL
R5887500-1A	KCl Conductivity Standard, 500 μ S/cm, Natural Poly	1L
R5887500-4A	KCl Conductivity Standard, 500 μ S/cm, Natural Poly	4L
R5887500-10F	KCl Conductivity Standard, 500 μ S/cm, Cubitainer [®]	10L
R5887500-20F	KCl Conductivity Standard, 500 μ S/cm, Cubitainer [®]	20L
R5887700-500A	KCl Conductivity Standard, 700 μ S/cm, Natural Poly	500mL
R5887720-1A	KCl Conductivity Standard, 717 μ S/cm, Natural Poly	1L
R5887750-1A	KCl Conductivity Standard, 750 μ S/cm, Natural Poly	1L
R5888010-500A	KCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	500mL
R5888010-1A	KCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	1L
R5888010-4A	KCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	4L
R5888010-10F	KCl Conductivity Standard, 1,000 μ S/cm, Cubitainer [®]	10L
R5888010-20F	KCl Conductivity Standard, 1,000 μ S/cm, Cubitainer [®]	20L
R5888141-500A	KCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	500mL
R5888141-1A	KCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	1L
R5888141-4A	KCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	4L
R5888141-10F	KCl Conductivity Standard, 1,413 μ S/cm, Cubitainer [®]	10L
R5888141-20F	KCl Conductivity Standard, 1,413 μ S/cm, Cubitainer [®]	20L
R5888180-1A	KCl Conductivity Standard, 1,800 μ S/cm, Natural Poly	1L
R5888250-500A	KCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	500mL
R5888250-1A	KCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	1L
R5888250-4A	KCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	4L
R5888020-500A	KCl Conductivity Standard, 2,500 μ S/cm, Natural Poly	500mL
R5888020-1A	KCl Conductivity Standard, 2,500 μ S/cm, Natural Poly	1L
R5888020-4A	KCl Conductivity Standard, 2,500 μ S/cm, Natural Poly	4L
R5888020-20F	KCl Conductivity Standard, 2,500 μ S/cm, Cubitainer [®]	20L
R5888400-500A	KCl Conductivity Standard, 4,000 μ S/cm, Natural Poly	500mL
R5888400-1A	KCl Conductivity Standard, 4,000 μ S/cm, Natural Poly	1L
R5888420-1A	KCl Conductivity Standard, 4,500 μ S/cm, Natural Poly	1L
R5888430-500A	KCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	500mL
R5888430-1A	KCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	1L
R5888430-4A	KCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	4L
R5888430-10F	KCl Conductivity Standard, 5,000 μ S/cm, Cubitainer [®]	10L



Potassium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R5888100-500A	KCl Conductivity Standard, 10,000 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5888100-1A	KCl Conductivity Standard, 10,000 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5888100-4A	KCl Conductivity Standard, 10,000 $\mu\text{S}/\text{cm}$, Natural Poly	4L
R5888100-10F	KCl Conductivity Standard, 10,000 $\mu\text{S}/\text{cm}$, Cubitainer®	10L
R5888100-20F	KCl Conductivity Standard, 10,000 $\mu\text{S}/\text{cm}$, Cubitainer®	20L
R5888600-1A	KCl Conductivity Standard, 25,000 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5888600-4A	KCl Conductivity Standard, 25,000 $\mu\text{S}/\text{cm}$, Natural Poly	4L
R5888600-20F	KCl Conductivity Standard, 25,000 $\mu\text{S}/\text{cm}$, Cubitainer®	20L
R5889000-500A	KCl Conductivity Standard, 50,000 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5889000-1A	KCl Conductivity Standard, 50,000 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5889000-4A	KCl Conductivity Standard, 50,000 $\mu\text{S}/\text{cm}$, Natural Poly	4L
R5889000-10F	KCl Conductivity Standard, 50,000 $\mu\text{S}/\text{cm}$, Cubitainer®	10L
R5889000-20F	KCl Conductivity Standard, 50,000 $\mu\text{S}/\text{cm}$, Cubitainer®	20L
R5888800-500A	KCl Conductivity Standard, 80 mS/cm , Natural Poly	500mL
R5889300-500A	KCl Conductivity Standard, 100 mS/cm , Natural Poly	500mL
R5889300-1A	KCl Conductivity Standard, 100 mS/cm , Natural Poly	1L
R5889300-4A	KCl Conductivity Standard, 100 mS/cm , Natural Poly	4L
R5890000-500A	KCl Conductivity Standard, 0.01M, 1,412 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5890000-1A	KCl Conductivity Standard, 0.01M, 1,412 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5890000-4A	KCl Conductivity Standard, 0.01M, 1,412 $\mu\text{S}/\text{cm}$, Natural Poly	4L
R5890000-20F	KCl Conductivity Standard, 0.01M, 1,412 $\mu\text{S}/\text{cm}$, Cubitainer®	20L
R5893000-500A	KCl Reference Solution A, 111,342 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5893000-1A	KCl Reference Solution A, 111,342 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5894000-500A	KCl Reference Solution B, 12,856 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5894000-1A	KCl Reference Solution B, 12,856 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5895000-500A	KCl Reference Solution C, 1,408.8 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5895000-1A	KCl Reference Solution C, 1,408.8 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R5896000-500A	KCl Reference Solution D, 146.93 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R5896000-1A	KCl Reference Solution D, 146.93 $\mu\text{S}/\text{cm}$, Natural Poly	1L

Sodium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R2236020-120A	NaCl Conductivity Standard, 5 $\mu\text{S}/\text{cm}$, Natural Poly	120mL
R2236020-500A	NaCl Conductivity Standard, 5 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R2236020-1A	NaCl Conductivity Standard, 5 $\mu\text{S}/\text{cm}$, Natural Poly	1L



Sodium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R2236000-120A	NaCl Conductivity Standard, 10 μ S/cm, Natural Poly	120mL
R2236000-500A	NaCl Conductivity Standard, 10 μ S/cm, Natural Poly	500mL
R2236000-1A	NaCl Conductivity Standard, 10 μ S/cm, Natural Poly	1L
R2236000-4A	NaCl Conductivity Standard, 10 μ S/cm, Natural Poly	4L
R2236000-6PK	NaCl Conductivity Standard, 10 μ S/cm, Wide Mouth Poly	6x100mL
R2236000-20PK	NaCl Conductivity Standard, 10 μ S/cm, Pouches	20x20mL
R2236060-500A	NaCl Conductivity Standard, 23.8 μ S/cm, Natural Poly	500mL
R2236060-1A	NaCl Conductivity Standard, 23.8 μ S/cm, Natural Poly	1L
R2236060-4A	NaCl Conductivity Standard, 23.8 μ S/cm, Natural Poly	4L
R2236070-500A	NaCl Conductivity Standard, 46.7 μ S/cm, Natural Poly	500mL
R2236070-1A	NaCl Conductivity Standard, 46.7 μ S/cm, Natural Poly	1L
R2236070-4A	NaCl Conductivity Standard, 46.7 μ S/cm, Natural Poly	4L
R2236100-500A	NaCl Conductivity Standard, 50 μ S/cm, Natural Poly	500mL
R2236100-1A	NaCl Conductivity Standard, 50 μ S/cm, Natural Poly	1L
R2236100-4A	NaCl Conductivity Standard, 50 μ S/cm, Natural Poly	4L
R2237000-500A	NaCl Conductivity Standard, 100 μ S/cm, Natural Poly	500mL
R2237000-1A	NaCl Conductivity Standard, 100 μ S/cm, Natural Poly	1L
R2237000-4A	NaCl Conductivity Standard, 100 μ S/cm, Natural Poly	4L
R2237000-6PK	NaCl Conductivity Standard, 100 μ S/cm, Wide Mouth Poly	6x100mL
R2237000-20PK	NaCl Conductivity Standard, 100 μ S/cm, Pouches	20x20mL
R2237000-20F	NaCl Conductivity Standard, 100 μ S/cm, Cubitainer®	20L
R2236250-500A	NaCl Conductivity Standard, 150 μ S/cm, Natural Poly	500mL
R2236250-1A	NaCl Conductivity Standard, 150 μ S/cm, Natural Poly	1L
R2236250-4A	NaCl Conductivity Standard, 150 μ S/cm, Natural Poly	4L
R2238000-500A	NaCl Conductivity Standard, 200 μ S/cm, Natural Poly	500mL
R2238000-1A	NaCl Conductivity Standard, 200 μ S/cm, Natural Poly	1L
R2238000-4A	NaCl Conductivity Standard, 200 μ S/cm, Natural Poly	4L
R2238000-20F	NaCl Conductivity Standard, 200 μ S/cm, Cubitainer®	20L
R2241000-500A	NaCl Conductivity Standard, 500 μ S/cm, Natural Poly	500mL
R2241000-1A	NaCl Conductivity Standard, 500 μ S/cm, Natural Poly	1L
R2241000-4A	NaCl Conductivity Standard, 500 μ S/cm, Natural Poly	4L
R2241000-20F	NaCl Conductivity Standard, 500 μ S/cm, Cubitainer®	20L
R2243000-500A	NaCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	500mL
R2243000-1A	NaCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	1L
R2243000-4A	NaCl Conductivity Standard, 1,000 μ S/cm, Natural Poly	4L



Sodium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R2243000-6PK	NaCl Conductivity Standard, 1,000 μ S/cm, Wide Mouth Poly	6x100mL
R2243000-20PK	NaCl Conductivity Standard, 1,000 μ S/cm, Pouches	20x20mL
R2243000-20F	NaCl Conductivity Standard, 1,000 μ S/cm, Cubitainer®	20L
R2236520-500A	NaCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	500mL
R2236520-1A	NaCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	1L
R2236520-4A	NaCl Conductivity Standard, 1,413 μ S/cm, Natural Poly	4L
R2236520-20PK	NaCl Conductivity Standard, 1,413 μ S/cm, Pouches	20x20mL
R2236520-20F	NaCl Conductivity Standard, 1,413 μ S/cm, Cubitainer®	20L
R2244000-500A	NaCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	500mL
R2244000-1A	NaCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	1L
R2244000-4A	NaCl Conductivity Standard, 2,000 μ S/cm, Natural Poly	4L
R2244500-500A	NaCl Conductivity Standard, 3,000 μ S/cm, Natural Poly	500mL
R2244500-1A	NaCl Conductivity Standard, 3,000 μ S/cm, Natural Poly	1L
R2244500-4A	NaCl Conductivity Standard, 3,000 μ S/cm, Natural Poly	4L
R2245000-500A	NaCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	500mL
R2245000-1A	NaCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	1L
R2245000-4A	NaCl Conductivity Standard, 5,000 μ S/cm, Natural Poly	4L
R2245000-20F	NaCl Conductivity Standard, 5,000 μ S/cm, Cubitainer®	20L
R2246000-500A	NaCl Conductivity Standard, 10,000 μ S/cm, Natural Poly	500mL
R2246000-1A	NaCl Conductivity Standard, 10,000 μ S/cm, Natural Poly	1L
R2246000-4A	NaCl Conductivity Standard, 10,000 μ S/cm, Natural Poly	4L
R2246000-6PK	NaCl Conductivity Standard, 10,000 μ S/cm, Wide Mouth Poly	6x100mL
R2246000-20PK	NaCl Conductivity Standard, 10,000 μ S/cm, Pouches	20x20mL
R2246000-20F	NaCl Conductivity Standard, 10,000 μ S/cm, Cubitainer®	20L
R2247000-500A	NaCl Conductivity Standard, 20,000 μ S/cm, Natural Poly	500mL
R2247000-1A	NaCl Conductivity Standard, 20,000 μ S/cm, Natural Poly	1L
R2247000-4A	NaCl Conductivity Standard, 20,000 μ S/cm, Natural Poly	4L
R2247000-20F	NaCl Conductivity Standard, 20,000 μ S/cm, Cubitainer®	20L
R2247300-500A	NaCl Conductivity Standard, 30,100 μ S/cm, Natural Poly	500mL
R2247300-1A	NaCl Conductivity Standard, 30,100 μ S/cm, Natural Poly	1L
R2247300-4A	NaCl Conductivity Standard, 30,100 μ S/cm, Natural Poly	4L
R2248700-500A	NaCl Conductivity Standard, 70,000 μ S/cm, Natural Poly	500mL
R2248700-1A	NaCl Conductivity Standard, 70,000 μ S/cm, Natural Poly	1L
R2248700-4A	NaCl Conductivity Standard, 70,000 μ S/cm, Natural Poly	4L
R2248700-20F	NaCl Conductivity Standard, 70,000 μ S/cm, Cubitainer®	20L

Sodium Chloride Conductivity Standards

RICCA Part Number	Product, Packaging	Sizes
R2249000-500A	NaCl Conductivity Standard, 100,000 $\mu\text{S}/\text{cm}$, Natural Poly	500mL
R2249000-1A	NaCl Conductivity Standard, 100,000 $\mu\text{S}/\text{cm}$, Natural Poly	1L
R2249000-4A	NaCl Conductivity Standard, 100,000 $\mu\text{S}/\text{cm}$, Natural Poly	4L
R2246155-500A	NaCl Conductivity Standard, 15 mS/cm, Natural Poly	500mL
R2248000-500A	NaCl Conductivity Standard, 50 mS/cm, Natural Poly	500mL
R2248000-1A	NaCl Conductivity Standard, 50 mS/cm, Natural Poly	1L
R2248000-4A	NaCl Conductivity Standard, 50 mS/cm, Natural Poly	4L
R2249150-500A	NaCl Conductivity Standard, 150 mS/cm, Natural Poly	500mL
R2249150-1A	NaCl Conductivity Standard, 150 mS/cm, Natural Poly	1L
R2249200-1A	NaCl Conductivity Standard, 200 mS/cm, Natural Poly	1L

Ricca Custom Blending Services

Ricca offers over 40 years of successful chemical blending, bottle filling, packaging and on-site product testing to provide reliable and efficient solutions. Our Technical Support Chemists are available to assist you with formulations, packaging compatibility and regulatory questions. We offer personalized customer service to meet your specific needs at every step.

Ricca's ISO 9001:2015 certification and compliance to 21 CFR 820 ensures consistent quality of every blend. Testing is performed in our ISO 17025 accredited laboratories (See scope for details). We use a wide range of production and filling options to meet your requirements. Our 3 manufacturing facilities are geographically positioned to provide 2 to 3 day shipping nationwide.



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Certificate of Analysis

Potassium Chloride Conductivity Standard, 1000 $\mu\text{S}/\text{cm}$ at 25°C

Lot Number: 4807E78 **Product Number:** 5888.01 **Manufacture Date:** JUL 13, 2018
Expiration Date: JUL 2020

The certified value for this product is confirmed in independent testing by a second qualified chemist.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chloride	7447-40-7	ACS

Test	Specification	Result	NIST GRM#
Appearance	Colorless liquid	Passed	
Conductivity at 25°C (Method: SQCP031)	999-1001 $\mu\text{S}/\text{cm}$	999 $\mu\text{S}/\text{cm}$	999b
Conductivity at 25°C (Method: SQCP031)	4.3	4.3	

Traceability: Conductivity measurements were performed in our Batesville, IN laboratory under ISO/IEC 17025 accreditation (LAW Certificate L2387.02) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by $k=2$, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSR 74-601. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with \pm thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
5888.01-1	4 L natural poly	24 months
5888.01-16	500 mL natural poly	24 months
5888.01-32	1 L natural poly	24 months
5888.01-5	20 L Cubitainer®E	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Jim Gibbs (07/13/2018)
Quality Control Supervisor

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials - Contents of Certificates and Labels."

TESTING LABORATORY
Certificate # L2387.02 Testing

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.

Version: 1.3
Lot Number: 4807E78 **Product Number:** 5888.01
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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

Extraction Chemicals

- Ethanol (organic and conventional)
- Acetone
- Isopropanol
- ACS and HPLC grades

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

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

Organic Standards ISO 17025/Guide 34 Anions/Nonmetals

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

Turbidity

Specific Gravity

High Purity Water

- Molecular biology grade
- ASTM Types I-IV
- HPLC
- USP/EP purified
- LC/MS grade

Proteomics

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

Terpenes

- Camphene
- Delta-3-Carene
- Beta-Caryophyllene
- D-Limonene
- Linalool

- Myrcene
- Nerol
- Alpha-Phellandrene
- Beta-Pinene
- Alpha-Pinene
- Alpha-Terpinene
- Terpinolene

Titriments

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

Contact Us At:

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(888) GO-RICCA (467-4222)

Visit Us Online:

www.riccachemical.com

