



RIGHT

Uncompromising Quality

READY

3 Manufacturing/
Inventory Locations

RICCA

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

Look to Ricca as the premier choice for all your Acid needs. From Acetic acid to Trichloroacetic acid, Ricca offers a vast array of concentrations and packaging sizes/configurations with the purity, consistency and stability you trust from Ricca. With multiple facilities and many products in stock ready to ship we can meet your needs with rapid delivery to anywhere in North America. *We offer fast, cost-effective Custom Blending Services to your specifications.*

- 1 mL to 55 gallon drum, 100g to 2.5kg sizes
- Broad Line of Acids
- Ready to Use Custom Blends



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



Acids

As a leading supplier of high quality Acids, we can provide the right product for your application. **If you need a custom blend please contact us!**

Acetic Acid

RICCA Part Number	Product	Sizes
R0100000-500A	Acetic Acid, 1% v/v, Natural Poly	500mL
R0100000-1A	Acetic Acid, 1% v/v, Natural Poly	1L
R0100000-4A	Acetic Acid, 1% v/v, Natural Poly	4L
R0120000-500A	Acetic Acid, 3% v/v, Natural Poly	500mL
R0120000-1A	Acetic Acid, 3% v/v, Natural Poly	1L
R0120000-4A	Acetic Acid, 3% v/v, Natural Poly	4L
R0130000-500A	Acetic Acid, 5% v/v, Natural Poly	500mL
R0130000-1A	Acetic Acid, 5% v/v, Natural Poly	1L
R0130000-4A	Acetic Acid, 5% v/v, Natural Poly	4L
R0130000-10F	Acetic Acid, 5% v/v, Cubitainer®	10L
R0130000-20F	Acetic Acid, 5% v/v, Cubitainer®	20L
R0135000-500A	Acetic Acid, 10% v/v, Natural Poly	500mL
R0135000-1A	Acetic Acid, 10% v/v, Natural Poly	1L
R0135000-4A	Acetic Acid, 10% v/v, Natural Poly	4L
R0135000-20F	Acetic Acid, 10% v/v, Cubitainer®	20L
R0135000-55E	Acetic Acid, 10% v/v, Drum	55 Gallon
R0140000-500C	Acetic Acid, 50% v/v, Amber Glass	500mL
R0140000-1C	Acetic Acid, 50% v/v, Amber Glass	1L
R0140000-4C	Acetic Acid, 50% v/v, Amber Glass	4L
R0140000-20F	Acetic Acid, 50% v/v, Cubitainer®	20L
R0150000-500A	Acetic Acid, 1N, Natural Poly	500mL
R0150000-1A	Acetic Acid, 1N, Natural Poly	1L
R0150000-4A	Acetic Acid, 1N, Natural Poly	4L
R0150000-20F	Acetic Acid, 1N, Cubitainer®	20L
R0156000-500A	Acetic Acid, 6N, Natural Poly	500mL
R0156000-1A	Acetic Acid, 6N, Natural Poly	1L
R0156000-4A	Acetic Acid, 6N, Natural Poly	4L
RABA0010-500D1	Acetic Acid, Glacial ACS, Amber Glass	500mL
RABA0010-2.5D1	Acetic Acid, Glacial ACS, Safety Coated Amber Glass	2.5L
RABA0010-4C	Acetic Acid, Glacial ACS, Amber Glass	4L
RABA0010-20E1	Acetic Acid, Glacial ACS, Ropak®	20L

Ascorbic Acid

RICCA Part Number	Product	Sizes
R0808200-1C	Ascorbic Acid, 2% w/v, Amber Glass	1L
R0810000-100A	Ascorbic Acid, 25% w/v, Natural Poly	100mL
RDCA0750-100B1	Ascorbic Acid ACS, White Poly	100g
RDCA0750-500B1	Ascorbic Acid ACS, White Poly	500g

Boric Acid

RICCA Part Number	Product	Sizes
R1065000-500A	Boric Acid, 2% w/v, Natural Poly	500mL
R1065000-1A	Boric Acid, 2% w/v, Natural Poly	1L
R1065000-4A	Boric Acid, 2% w/v, Natural Poly	4L
R1065000-20F	Boric Acid, 2% w/v, Cubitainer®	20L
R1068000-500A	Boric Acid, 4% w/v, Natural Poly	500mL
R1068000-1A	Boric Acid, 4% w/v, Natural Poly	1L
R1068000-4A	Boric Acid, 4% w/v, Natural Poly	4L
R1068000-20F	Boric Acid, 4% w/v, Cubitainer®	20L
R1070000-1A	Boric Acid, 4%, Indicating, Natural Poly	1L
R1070000-4A	Boric Acid, 4%, Indicating, Natural Poly	4L
R1070000-10F	Boric Acid, 4%, Indicating, Cubitainer®	10L
R1070000-20F	Boric Acid, 4%, Indicating, Cubitainer®	20L
RDCB0500-500B1	Boric Acid ACS, White Poly	500g
RDCB0500-1000B1	Boric Acid ACS, White Poly	1K
RDCB0500-2.5A5	Boric Acid ACS, Natural Poly	2.5K

Chromic Acid

RICCA Part Number	Product	Sizes
R2077000-500C	Chromic Acid, 10% (w/v), Amber Glass	500mL
R2077000-1C	Chromic Acid, 10% (w/v), Amber Glass	1L
R2077000-4C	Chromic Acid, 10% (w/v), Amber Glass	4L

Citric Acid

RICCA Part Number	Product	Sizes
R2120000-500A	Citric Acid, 10% (w/v), Natural Poly	500 mL
R2120000-1A	Citric Acid, 10% (w/v), Natural Poly	1L
R2120000-4A	Citric Acid, 10% (w/v), Natural Poly	4L
R2131000-500A	Citric Acid, 1M, Natural Poly	500mL
R2131000-1A	Citric Acid, 1M, Natural Poly	1L
R2131000-4A	Citric Acid, 1M, Natural Poly	4L

Formic Acid

RICCA Part Number	Product	Sizes
RMB11202-10x1R	Formic Acid, LCMS Grade, Ampule	10x1mL
R3213000-4A	Formic Acid, 2% w/v, Natural Poly	4L
R3213000-10F	Formic Acid, 2% w/v, Cubitainer®	10L
R3213000-20F	Formic Acid, 2% w/v, Cubitainer®	20L
R3218000-10F	Formic Acid, 40% (w/w), Cubitainer®	10L
RABF0500-500A	Formic Acid, 88% ACS, Natural Poly	500mL

Hydrochloric Acid

RICCA Part Number	Product	Sizes
R3560000-500A	Hydrochloric Acid, 1% v/v, Natural Poly	500mL
R3560000-1A	Hydrochloric Acid, 1% v/v, Natural Poly	1L
R3560000-4A	Hydrochloric Acid, 1% v/v, Natural Poly	4L
R3563000-1A	Hydrochloric Acid, 10 g/L HCl, Natural Poly	1L
R3568000-500A	Hydrochloric Acid, 5% v/v, Natural Poly	500mL
R3568000-1A	Hydrochloric Acid, 5% v/v, Natural Poly	1L
R3568000-4A	Hydrochloric Acid, 5% v/v, Natural Poly	4L
R3568000-20F	Hydrochloric Acid, 5% v/v, Cubitainer®	20L
R3570000-500A	Hydrochloric Acid, 10% v/v, Natural Poly	500mL
R3570000-1A	Hydrochloric Acid, 10% v/v, Natural Poly	1L
R3570000-4A	Hydrochloric Acid, 10% v/v, Natural Poly	4L
R3570000-10F	Hydrochloric Acid, 10% v/v, Cubitainer®	10L
R3570000-20F	Hydrochloric Acid, 10% v/v, Cubitainer®	20L
R3574000-500A	Hydrochloric Acid, 20% v/v, Natural Poly	500mL
R3574000-1A	Hydrochloric Acid, 20% v/v, Natural Poly	1L
R3574000-4A	Hydrochloric Acid, 20% v/v, Natural Poly	4L
R3574000-10F	Hydrochloric Acid, 20% v/v, Cubitainer®	10L
R3574000-20F	Hydrochloric Acid, 20% v/v, Cubitainer®	20L

Hydrochloric Acid

RICCA Part Number	Product	Sizes
R3580000-500A	Hydrochloric Acid, 50% v/v, Natural Poly	500mL
R3580000-1A	Hydrochloric Acid, 50% v/v, Natural Poly	1L
R3580000-4A	Hydrochloric Acid, 50% v/v, Natural Poly	4L
R3580000-10F	Hydrochloric Acid, 50% v/v, Cubitainer®	10L
R3580000-20F	Hydrochloric Acid, 50% v/v, Cubitainer®	20L
R3590000-500A	Hydrochloric Acid, 0.01N, Natural Poly	500mL
R3590000-1A	Hydrochloric Acid, 0.01N, Natural Poly	1L
R3590000-4A	Hydrochloric Acid, 0.01N, Natural Poly	4L
R3590000-10F	Hydrochloric Acid, 0.01N, Cubitainer®	10L
R3590000-20F	Hydrochloric Acid, 0.01N, Cubitainer®	20L
R3600000-500A	Hydrochloric Acid, 0.1N, Natural Poly	500mL
R3600000-1A	Hydrochloric Acid, 0.1N, Natural Poly	1L
R3600000-4A	Hydrochloric Acid, 0.1N, Natural Poly	4L
R3600000-10F	Hydrochloric Acid, 0.1N, Cubitainer®	10L
R3600000-20F	Hydrochloric Acid, 0.1N, Cubitainer®	20L
R3650000-500A	Hydrochloric Acid, 0.5N, Natural Poly	500mL
R3650000-1A	Hydrochloric Acid, 0.5N, Natural Poly	1L
R3650000-4A	Hydrochloric Acid, 0.5N, Natural Poly	4L
R3650000-10F	Hydrochloric Acid, 0.5N, Cubitainer®	10L
R3650000-20F	Hydrochloric Acid, 0.5N, Cubitainer®	20L
R3700000-500A	Hydrochloric Acid, 1N, Natural Poly	500mL
R3700000-1A	Hydrochloric Acid, 1N, Natural Poly	1L
R3700000-4A	Hydrochloric Acid, 1N, Natural Poly	4L
R3700000-10F	Hydrochloric Acid, 1N, Cubitainer®	10L
R3700000-20F	Hydrochloric Acid, 1N, Cubitainer®	20L
R3710000-500A	Hydrochloric Acid, 2N, Natural Poly	500mL
R3710000-1A	Hydrochloric Acid, 2N, Natural Poly	1L
R3710000-4A	Hydrochloric Acid, 2N, Natural Poly	4L
R3710000-10F	Hydrochloric Acid, 2N, Cubitainer®	10L
R3710000-20F	Hydrochloric Acid, 2N, Cubitainer®	20L
R3740000-500A	Hydrochloric Acid, 5N, Natural Poly	500mL
R3740000-1A	Hydrochloric Acid, 5N, Natural Poly	1L
R3740000-4A	Hydrochloric Acid, 5N, Natural Poly	4L
R3740000-10F	Hydrochloric Acid, 5N, Cubitainer®	10L
R3740000-20F	Hydrochloric Acid, 5N, Cubitainer®	20L

Hydrochloric Acid

RICCA Part Number	Product	Sizes
R3750000-500A	Hydrochloric Acid, 6N, Natural Poly	500mL
R3750000-1A	Hydrochloric Acid, 6N, Natural Poly	1L
R3750000-4A	Hydrochloric Acid, 6N, Natural Poly	4L
R3750000-10F	Hydrochloric Acid, 6N, Cubitainer®	10L
R3750000-20F	Hydrochloric Acid, 6N, Cubitainer®	20L
R3780000-1A	Hydrochloric Acid, 12N, Natural Poly	1L
R3780000-2.5D	Hydrochloric Acid, 12N, Safety Coated Amber Glass	2.5L
R3800000-500A	Hydrochloric Acid, 0.1N/IPA, Natural Poly	500mL
R3800000-1A	Hydrochloric Acid, 0.1N/IPA, Natural Poly	1L
R3800000-4A	Hydrochloric Acid, 0.1N/IPA, Natural Poly	4L
R3800000-20F	Hydrochloric Acid, 0.1N/IPA, Cubitainer®	20L
RABH0010-2.5D1	Hydrochloric Acid ACS, Safety Coated Amber Glass	2.5L
RABH0010-4C	Hydrochloric Acid ACS, Amber Glass	4L
RABH0010-55E	Hydrochloric Acid ACS, Poly Drum	55 Gallon
RABH0020-2.5D	Hydrochloric Acid Trace Metal Grade, Clear Glass	2.5L

Hydrofluoric Acid

RICCA Part Number	Product	Sizes
R3815300-4A	Hydrofluoric Acid, 0.1% (w/w), Natural Poly	4L
R3819200-1A	Hydrofluoric Acid, 2% (v/v), Natural Poly	1L
R3819800-1A	Hydrofluoric Acid, 10% (v/v), Natural Poly	1L

Lactic Acid

RICCA Part Number	Product	Sizes
R4280000-500A	Lactic Acid, 1N, Natural Poly	500mL
R4280000-1A	Lactic Acid, 1N, Natural Poly	1L

Nitric Acid

RICCA Part Number	Product	Sizes
R5318000-500A	Nitric Acid, 5% v/v, Natural Poly	500mL
R5318000-1A	Nitric Acid, 5% v/v, Natural Poly	1L
R5318000-4A	Nitric Acid, 5% v/v, Natural Poly	4L
R5318000-20F	Nitric Acid, 5% v/v, Cubitainer®	20L
R5320000-500A	Nitric Acid, 10% v/v, Natural Poly	500mL
R5320000-1A	Nitric Acid, 10% v/v, Natural Poly	1L

Nitric Acid

RICCA Part Number	Product	Sizes
R5320000-4A	Nitric Acid, 10% v/v, Natural Poly	4L
R5320000-2.5D	Nitric Acid, 10% v/v, Safety Coated Amber Glass	2.5L
R5320000-20E1	Nitric Acid, 10% v/v, Ropak®	20L
R5320000-20F	Nitric Acid, 10% v/v, Cubitainer®	20L
R53260000-500C	Nitric Acid, 20% v/v, Amber Glass	500mL
R5326000-1C	Nitric Acid, 20% v/v, Amber Glass	1L
R5326000-2.5D	Nitric Acid, 20% v/v, Safety Coated Amber Glass	2.5L
R5320300-1A	Nitric Acid, 30% v/v in Methanol, Natural Poly	1L
R5320300-1C1	Nitric Acid, 30% v/v in Methanol, Safety Coated Amber Glass	1L
R5345000-2.5D	Nitric Acid, 45% v/v, Safety Coated Amber Glass	2.5L
R5350000-1C1	Nitric Acid, 50% v/v, Safety Coated Amber Glass	1L
R5350000-2.5D	Nitric Acid, 50% v/v, Safety Coated Amber Glass	2.5L
R5354700-2.5D	Nitric Acid, 70% v/v, Safety Coated Amber Glass	2.5L
R5430000-500A	Nitric Acid, 1N, Natural Poly	500mL
R5430000-1A	Nitric Acid, 1N, Natural Poly	1L
R5430000-2.5D	Nitric Acid, 1N, Safety Coated Amber Glass	2.5L
R5430000-4A	Nitric Acid, 1N, Natural Poly	4L
R5430000-20F	Nitric Acid, 1N, Cubitainer®	20L
R5440000-1C1	Nitric Acid, 6N, Safety Coated Amber Glass	1L
R5440000-2.5D	Nitric Acid, 6N, Safety Coated Amber Glass	2.5L
RABN0020-2.2D	Nitric Acid 70% Trace Metal Grade, Safety Coated Amber Glass	2.2L
RABN0010-500D1	Nitric Acid ACS, Amber Glass	500mL
RABN0010-1C	Nitric Acid ACS, Amber Glass	1L
RABN0010-2.5D1	Nitric Acid ACS, Safety Coated Amber Glass	2.5L

Oxalic Acid

RICCA Part Number	Product	Sizes
R5470000-500A	Oxalic Acid, 10% w/v, Natural Poly	500mL
R5470000-1A	Oxalic Acid, 10% w/v, Natural Poly	1L
R5470000-4A	Oxalic Acid, 10% w/v, Natural Poly	4L
RDCO0200-125B1	Oxalic Acid Dihydrate ACS, White Poly	125g
RDCO0200-500B1	Oxalic Acid Dihydrate ACS, White Poly	500g

Perchloric Acid

RICCA Part Number	Product	Sizes
R5512800-100A	Perchloric Acid, 8% w/v, Natural Poly	100mL
R5515000-500C	Perchloric Acid, 0.1N in Glacial Acetic Acid, Amber Glass	500mL
R5515000-1C	Perchloric Acid, 0.1N in Glacial Acetic Acid, Amber Glass	1L
R5515000-2.5D	Perchloric Acid, 0.1N in Glacial Acetic Acid, Safety Coated Amber Glass	2.5L
R5515000-4C	Perchloric Acid, 0.1N in Glacial Acetic Acid, Amber Glass	4L
R5515000-20F	Perchloric Acid, 0.1N in Glacial Acetic Acid, Cubitainer®	20L

Phosphoric Acid

RICCA Part Number	Product	Sizes
R5848000-1A	Phosphoric Acid, 5%, Natural Poly	1L
R5850000-4A	Phosphoric Acid, 10% v/v, Natural Poly	4L
R5851000-1A	Phosphoric Acid, 25% v/v, Natural Poly	1L
R5851000-20F	Phosphoric Acid, 25% v/v, Cubitainer®	20L
R5853000-4A	Phosphoric Acid, 50% v/v (1+1), Natural Poly	4L
R5853000-20F	Phosphoric Acid, 50% v/v (1+1), Cubitainer®	20L
RABP0030-500D1	Phosphoric Acid ACS, Amber Glass	500mL
RABP0030-1C	Phosphoric Acid ACS, Amber Glass	1L
RABP0030-2.5D1	Phosphoric Acid ACS, Safety Coated Amber Glass	2.5L
RABP0030-4C	Phosphoric Acid ACS, Amber Glass	4L

Picric Acid

RICCA Part Number	Product	Sizes
R5860000-500A	Picric Acid, Saturated Aqueous, Natural Poly	500mL
R5860000-1A	Picric Acid, Saturated Aqueous, Natural Poly	1L
R5860000-4A	Picric Acid, Saturated Aqueous, Natural Poly	4L

Sulfamic Acid

RICCA Part Number	Product	Sizes
RDSC1100-100B1	Sulfamic Acid ACS, White Poly	100g
RDSC1100-2.5A5	Sulfamic Acid ACS, Natural Poly	2.5K
RDSC1100-500B1	Sulfamic Acid ACS, White Poly	500g

Sulfosalicylic Acid

RICCA Part Number	Product	Sizes
R8115000-500C	Sulfosalicylic Acid, 3% w/v, Amber Glass	500mL
R8115000-1C	Sulfosalicylic Acid, 3% w/v, Amber Glass	1L
R8115000-4C	Sulfosalicylic Acid, 3% w/v, Amber Glass	4L
RDCS1190-500B1	Sulfosalicylic Acid Dihydrate ACS, White Poly	500g

Sulfuric Acid

RICCA Part Number	Product	Sizes
R8150000-500A	Sulfuric Acid, 10% v/v, Natural Poly	500mL
R8150000-1A	Sulfuric Acid, 10% v/v, Natural Poly	1L
R8150000-4A	Sulfuric Acid, 10% v/v, Natural Poly	4L
R8165000-1A	Sulfuric Acid, 20% v/v, Natural Poly	1L
R8165000-20F	Sulfuric Acid, 20% v/v, Cubitainer®	20L
R8166000-4C1	Sulfuric Acid, 20% w/w, Safety Coated Amber Glass	4L
R8166000-20F	Sulfuric Acid, 20% w/w, Cubitainer®	20L
R8170000-1A	Sulfuric Acid, 25% v/v, Natural Poly	1L
R8170000-4A	Sulfuric Acid, 25% v/v, Natural Poly	4L
R8170000-20F	Sulfuric Acid, 25% v/v, Cubitainer®	20L
R8180000-500A	Sulfuric Acid, 50% v/v, Natural Poly	500mL
R8180000-1A	Sulfuric Acid, 50% v/v, Natural Poly	1L
R8180000-4A	Sulfuric Acid, 50% v/v, Natural Poly	4L
R8180000-2.5D	Sulfuric Acid, 50% v/v, Safety Coated Amber Glass	2.5L
R8180000-20F	Sulfuric Acid, 50% v/v, Cubitainer®	20L
R8200000-500A	Sulfuric Acid, 0.02N, Natural Poly	500mL
R8200000-1A	Sulfuric Acid, 0.02N, Natural Poly	1L
R8200000-4A	Sulfuric Acid, 0.02N, Natural Poly	4L
R8200000-10F	Sulfuric Acid, 0.02N, Cubitainer®	10L
R8200000-20F	Sulfuric Acid, 0.02N, Cubitainer®	20L
R8250000-1A	Sulfuric Acid, 0.1N, Natural Poly	1L
R8250000-4A	Sulfuric Acid, 0.1N, Natural Poly	4L
R8260000-1A	Sulfuric Acid, 0.2N, Natural Poly	1L
R8260000-4A	Sulfuric Acid, 0.2N, Natural Poly	4L
R8260000-20F	Sulfuric Acid, 0.2N, Cubitainer®	20L
R8272000-20F	Sulfuric Acid, 0.255N, Cubitainer®	20L
R8280000-1A	Sulfuric Acid, 0.5N, Natural Poly	1L
R8280000-4A	Sulfuric Acid, 0.5N, Natural Poly	4L

Sulfuric Acid

RICCA Part Number	Product	Sizes
R8280000-20F	Sulfuric Acid, 0.5N, Cubitainer®	20L
R8300000-1A	Sulfuric Acid, 1N, Natural Poly	1L
R8300000-4A	Sulfuric Acid, 1N, Natural Poly	4L
R8300000-20F	Sulfuric Acid, 1N, Cubitainer®	20L
R8308000-20E1	Sulfuric Acid, 1.8N with Catalyst, Ropak®	20L
R8310000-500A	Sulfuric Acid, 2N, Natural Poly	500mL
R8310000-1A	Sulfuric Acid, 2N, Natural Poly	1L
R8310000-4A	Sulfuric Acid, 2N, Natural Poly	4L
R8310000-20F	Sulfuric Acid, 2N, Cubitainer®	20L
R8322000-500A	Sulfuric Acid, 4N, Natural Poly	500mL
R8322000-1A	Sulfuric Acid, 4N, Natural Poly	1L
R8322000-4A	Sulfuric Acid, 4N, Natural Poly	4L
R8325000-1A	Sulfuric Acid, 5N, Natural Poly	1L
R8325000-4A	Sulfuric Acid, 5N, Natural Poly	4L
R8325000-20F	Sulfuric Acid, 5N, Cubitainer®	20L
R8341000-1A	Sulfuric Acid, 11N, Natural Poly	1L
R8342000-1A	Sulfuric Acid, 12N, Natural Poly	1L
R8342000-4A	Sulfuric Acid, 12N, Natural Poly	4L
R8342000-20F	Sulfuric Acid, 12N, Cubitainer®	20L
R8343180-1A	Sulfuric Acid, 18N, Natural Poly	1L
R8343180-4A	Sulfuric Acid, 18N, Natural Poly	4L
RABS0030-500C	Sulfuric Acid ACS, Amber Glass	500mL
RABS0030-1C	Sulfuric Acid ACS, Amber Glass	1L
RABS0030-2.5D	Sulfuric Acid ACS, Safety Coated Amber Glass	2.5L
RABS0030-4A	Sulfuric Acid ACS, Natural Poly	4L
RABS0030-4C	Sulfuric Acid ACS, Amber Glass	4L
RABS0030-20E1	Sulfuric Acid ACS, Ropak®	20L

Tartaric Acid

RICCA Part Number	Product	Sizes
R8371000-500A	Tartaric Acid, 10% w/v, Natural Poly	500mL
R8371000-1A	Tartaric Acid, 10% w/v, Natural Poly	1L
RDCT0030-125B1	Tartaric Acid ACS, White Poly	125g
RDCT0030-500B1	Tartaric Acid ACS, White Poly	500g

Trichloroacetic Acid

RICCA Part Number	Product	Sizes
R8685000-500C	Trichloroacetic Acid, 10% w/v, Amber Glass	500mL
R8685000-1C	Trichloroacetic Acid, 10% w/v, Amber Glass	1L
R8685000-4C	Trichloroacetic Acid, 10% w/v, Amber Glass	4L
R8686500-4C	Trichloroacetic Acid, 15% w/v, Amber Glass	4L
R8687000-1C	Trichloroacetic Acid, 20% w/v, Amber Glass	1L
R8688000-500C	Trichloroacetic Acid, 30% w/v, Amber Glass	500mL
R8688300-1C	Trichloroacetic Acid, 33% w/v, Amber Glass	1L
R8693000-120C	Trichloroacetic Acid, 80% w/v, Amber Glass	120mL
R8693000-500C	Trichloroacetic Acid, 80% w/v, Amber Glass	500mL

Acid Blends

RICCA Part Number	Product	Sizes
R0781000-1C1	Modified Aqua Regia Etch for Stainless, Safety Coated Amber Glass	1 L
R0781000-500C1	Modified Aqua Regia Etch for Stainless, Safety Coated Amber Glass	500mL
R8347000-4A	Sulfuric-Phosphoric Acid, 1 + 1, Natural Poly	4L

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.

Our capabilities include:

- Custom, contract blending
 - Solvent Blends
 - Cleaning Solutions
 - Mobile Phases
 - Compendial Blends
- Wide range of packaging options, 4oz to bulk totes
- Custom label design, kitting capabilities, warehousing and distribution services
- Full custom documentation package, including SDS, Certificate of Analysis and packing slip
- Our highspeed liquid fill production line can produce 1,000's of bottles in a single run
- All labels, packaging and documentation fully compliant according to OSHA GHS and DOT Hazardous Materials regulations.

RICCA CHEMICAL COMPANY [®]		Arlington, TX 76012 Pocomoke City, MD 21851 Batesville, IN 47006 http://www.riccachemical.com 1-888-GO-RICCA customerservice@riccachemical.com	
Certificate of Analysis			
Reagent Alcohol, ACS Reagent Grade Anhydrous, Absolute			
Lot Number: 1705C76	Product Number: 6590	Manufacture Date: MAY 04, 2017	
Expiration Date: JAN 2020			
Name	CAS#	Grade	
Ethyl Alcohol	64-17-5	ACS	
Isopropyl Alcohol	67-63-0	ACS	
Market Name:	6590		
Test	Specification	Result	
Appearance	Colorless liquid	Pass	
Relative Density	max 0.8	0.81	
Color (APHA)	max 10	1	
Refractive Index (20°C)	1.3615-1.3625	1.3618	
Distillation Residue (20°C)	max 0.001 % (w/w)	0.0005 %	
Isopropyl Alcohol	4.00-6.00 % (w/w)	5.0 % (w/w)	
Methanol (Market Alcohol)	0.00-0.10 % (w/w)	0.05 % (w/w)	
Water (Total) (Distillation Residue)	max 0.002 %	0.0015 %	
Water (H ₂ O)	max 0.5 %	0.01 %	
Specifications	Reference		
Absolute Alcohol: ACS/NCMA Volumetric glassware conform to Class A tolerance requirements of ASTM E 288 and NIST Circular 441. It is calibrated before first use and recalibrated regularly in accordance with ASTM E 692 and NIST Publication 800-17. All balances are calibrated regularly each weight verified traceable to the NIST national mass standard. The manufacturer and expiration dates are indicated below. First use and recalibrated regularly with a maximum tolerance of ±0.01% absolute. All products are prepared according to master documents that assure manufacturers according to validated methods. All test results document are retained (minimum 1 year) and available for review by the customer.			
Part Number	Lot / Package Type	Shelf Life (Unopened Container)	
6590-2.0	20 L, Customized	36 months	
6590-1L	1000 mL, natural poly	36 months	
Recommended Storage: 15°C - 30°C (59°F - 86°F)			
Israel Alkhamdan Quality Control Supervisor This Certificate of Analysis is designed to comply with 29 CFR 1631.10 "Reference Materials - Contents of Certificates and Labels."			
Version: 2.0	Lot Number: 1705C76	Product Number: 6590	Page: 1 of 1

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

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