

## Solutions for the Food & Beverage Industry

### Source with RICCA and you can expect...

- Products are assigned a unique lot number at manufacture.
- MSDSs and CofAs available on our website.
- Ample raw materials and finished goods so we can quickly manufacture and ship your items.
- Strategic Sourcing Partners that provide us with quality materials at competitive prices to ensure our customers receive quality solutions at competitive prices.
- The tightest specifications available in the industry.
- The ability to create custom solutions to meet your every need.
- A technical service team staffed with degreed chemists.
- Products are Standardized and certified traceable to NIST Standard Reference Material as appropriate.



### Products include:

#### HPLC Reagents

- HPLC Grade Water, Alcohols, and other Organic Solvents
- Large range of HPLC Mobile Phases, Buffers, and Eluents
- Custom Eluents and Mobile Phases made to your specifications

#### Titriments and Standards

- Large range of standardized Acids and Bases for Acidity/Alkalinity testing and applicable indicators
- Conductivity, pH, Acidity and Chloride Standards
- Titrants are NIST traceable
- Both Aqueous and Nonaqueous Titrants

#### Reagents for Specific Test Methods

- Nitrogen Free reagents for Kjeldahl Digestions for determining Protein Content
- Babcock Sulfuric Acid to determine Fat Content in Milk
- AOAC Compendial Reagents
- pH Control Buffers for managing reactions during analysis

#### Spectroscopy Reagents

- AA/ICP/ICP-MS standards for metals and other elemental testing
- Spectroscopy reagents for instrument maintenance
- Our Spectroscopy line is tested according to rigorous internal protocols

#### Buffers

- Calibration buffers with consistent specifications across all pH ranges
- Test strips for quick pH determination
- Available in clear or color-coded formulations

#### Microbiology Reagents

- Reagents for microbial test methods such as Gram Staining, Bacteria, Yeast, Mold Counts and Indole testing
- Stains utilized are certified by the BSC



**RIGHT • READY • RICCA**

### Acidity and Alkalinity

R1205000	Bromocresol Green Indicator, 0.1% (w/v) Aqueous Solution
R1215000	Bromocresol Green-Methyl Red Mixed Indicator, Aqueous
R1220000	Bromocresol Green-Methyl Red Mixed Indicator, Alcoholic
R1222000	Bromocresol Green-Methyl Red Mixed Indicator in Reagent Alcohol, Roquette America Formulation
R1353000	Bromophenol Blue Indicator, 0.1% (w/v) Aqueous Solution
R2405000	m-Cresol Purple TS, 0.1% (w/v) Aqueous Solution
R3595000	Hydrochloric Acid, 0.0200 Normal (N/50)
R3600000	Hydrochloric Acid, 0.100 Normal (N/10)
R5600000	Phenolphthalein Indicator, 0.5% (w/v) in 50% (v/v) Alcohol, Neutralized
R5870000	Potassium Acid Phthalate, 0.0500 Normal (N/20)
R7185000	Sodium Carbonate, 0.0500 Normal (N/20), 1 mL = 2.5 mg CaCO <sub>3</sub>
R7300000	Sodium Hydroxide, 0.0200 Normal (N/50), 1 mL = 1 mg CaCO <sub>3</sub>
R7350000	Sodium Hydroxide, 0.100 Normal (N/10)
R8200000	Sulfuric Acid, 0.0200 Normal (N/50)
R8250000	Sulfuric Acid, 0.100 Normal (N/10)
R7348000	Sodium Hydroxide, 0.0833 Normal

### Iodine Absorption Number of Fats and Oils

R4100000	Iodine-Bromine Solution, Hanus, for Iodine Absorption Number of Fats and Oils
R4110000	Iodine Monochloride Solution, Wijs, for Iodine Absorption Number of Fats and Oils

### Kjeldahl Reagents for Nitrogen and Protein Analysis

R1064000	Boric Acid, 2% (w/v) Aqueous Solution with Mixed Indicator, for Ammonia and Kjeldahl Nitrogen Analysis
R1456000	Buffer A, for Kjeldahl (Potassium Tartrate - Sodium Phosphate)
R1457000	Buffer B, for Kjeldahl (Salicylate - Nitroprusside)
R2551000	Digestion Reagent, with Copper Catalyst, for Kjeldahl Nitrogen Analysis
R2550000	Digestion Reagent, with Mercury Catalyst, for Kjeldahl Nitrogen Analysis
R3610000	Hydrochloric Acid, 0.1142 Normal, for Kjeldahl Analysis of Proteins
R7280000	Sodium Hydroxide, 40% (w/v) Aqueous Solution, Nitrogen Free, Suitable for Kjeldahl Nitrogen Analysis
R7480000	Sodium Hydroxide-Sulfide, for Kjeldahl Nitrogen Analysis using Mercury Catalyst
R7495000	Sodium Hydroxide-Thiosulfate, 50%-2.5% (w/v) Aqueous Solution, for Kjeldahl Nitrogen Analysis using Copper Catalyst
R8255000	Sulfuric Acid, 0.1142 Normal, Suitable for Kjeldahl Nitrogen Analysis of Feed Grains

## Microbial Testing

R3450000	Gram's Iodine, dilute Lugol's Iodine, for Gram Staining
R3240000	Gentian Violet, Hucker Formulation, for Gram Staining
R6660000	Safranin, 1% (w/v) Aqueous Solution, Counterstain for Gram Staining
R6680000	Safranin, Aqueous-Alcoholic, Counterstain for Gram Staining
R0200000	Acetone-Alcohol, 1 + 1 Decolorizer Solution, for use in Gram Staining
R8368000	Tannic Acid, 25 grams + 100 mL Water, for Direct Count for Bacteria, Yeast, and Mold
R4880000	Methylene Blue, Loeffler Formulation (Loeffler's Alkaline Methylene Blue), for Staining and Differentiation of Acid Fast Organisms in Smears
R4890000	Methylene Blue Milk Smear Stain, Modified Newman-Lampert Formulation, for Microscopic Bacterial Examination of Milk
R2790000	Ehrlich Aldehyde Reagent, Alcoholic, for Indole Test
R4260000	Kovac's Aldehyde Reagent, for Detection of Indole Producing Bacteria

## Wine Analysis - Acidity

R0091100	Acetic Acid Standard, 100 ppm, in 10% (v/v) Ethanol
R0091250	Acetic Acid Standard, 250 ppm, in 10% (v/v) Ethanol
R0091300	Acetic Acid Standard, 300 ppm, in 10% (v/v) Ethanol
R0091500	Acetic Acid Standard, 500 ppm, in 10% (v/v) Ethanol
R0091750	Acetic Acid Standard, 750 ppm, in 10% (v/v) Ethanol
R0091800	Acetic Acid, 800 ppm /10% EtOH
R0092100	Acetic Acid Standard, 1000 ppm, in 10% (v/v) Ethanol
R0092120	Acetic Acid Standard, 1200 ppm, in 10% (v/v) Ethanol
R0092250	Acetic Acid Standard, 2500 ppm, in 10% (v/v) Ethanol
R3223100	Gallic Acid Standard, 100 ppm
R3223250	Gallic Acid Standard, 250 ppm
R3223500	Gallic Acid Standard, 500 ppm
R3223750	Gallic Acid Std, 750 ppm
R3224100	Gallic Acid Standard, 1,000 ppm
R3224150	Gallic Acid Std, 1500 ppm
R3224200	Gallic Acid Standard, 2,000 ppm
R3574000	Hydrochloric Acid, 20% (v/v) Aqueous Solution (1 + 4)
R3590000	Hydrochloric Acid, 0.0100 Normal (N/100)
R3600000	Hydrochloric Acid, 0.100 Normal (N/10)
R3620000	Hydrochloric Acid, 0.200 Normal (N/5)
R3700000	Hydrochloric Acid, 1.00 Normal
R3800000	Hydrochloric Acid, 0.100 Normal (N/10) in Isopropyl Alcohol
R3568000	Hydrochloric Acid, 5% (v/v) Aqueous Solution (1 + 19)

## Wine Analysis - Acidity

R4270000	Lactic Acid, 10% (v/v) Aqueous Solution
R4282100	Lactic Acid Standard, 1000 ppm in 10% (v/v) Ethanol
R4282030	Lactic Acid Standard, 300 ppm in 10% (v/v) Ethanol
R4282500	Lactic Acid Standard, 5,000 ppm in 10% (v/v) Ethanol
R5850000	Phosphoric Acid, 10% (v/v) Aqueous Solution (1 + 9)
R8200000	Sulfuric Acid, 0.0200 Normal (N/50)
R8250000	Sulfuric Acid, 0.100 Normal (N/10)
R8280000	Sulfuric Acid, 0.500 Normal (N/2)
R8300000	Sulfuric Acid, 1.00 Normal
R8272000	Sulfuric Acid, 0.255 Normal (12.5 g/L), Suitable for Crude Fiber Analysis of Food and Feed
R8170000	Sulfuric Acid, 25% (v/v) Aqueous Solution (1 + 3)
R8180000	Sulfuric Acid, 50% (v/v) Aqueous Solution (1 + 1)
R8325000	Sulfuric Acid, 5.00 Normal

## pH

R1501000	Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red)
R1551000	Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)
R1601000	Buffer, Reference Standard, pH 10.00 ± 0.01 at 25°C (Color Coded Blue)
R1485000	Buffer, Reference Standard, pH 0.50 ± 0.01 at 25°C
R1488000	Buffer, Reference Standard, pH 0.95 ± 0.01 at 25°C
R1489000	Buffer, Reference Standard, pH 1.00 ± 0.01 at 25°C
R1490000	Buffer, Reference Standard, pH 1.07 ± 0.01 at 25°C
R1492000	Buffer, Reference Standard, pH 1.68 ± 0.01 at 25°C
R1493000	Buffer, Reference Standard, pH 2.00 ± 0.01 at 25°C
R1494200	Buffer, Reference Standard, pH 2.70 ± 0.01 at 25°C
R1495000	Buffer, Reference Standard, pH 3.00 ± 0.01 at 25°C
R1498000	Buffer, Reference Standard, pH 3.56 ± 0.01 at 25°C
R1500000	Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C
R1502000	Buffer, Precision Reference Standard, pH 4.000 ± 0.002 at 25°C (Color Coded Red)
R1502400	Buffer, Reference Standard, pH 4.45 ± 0.01 at 25 °C
R1504000	Buffer, Reference Standard, pH 4.63 ± 0.01 at 25°C
R1505000	Buffer, Reference Standard, pH 5.00 ± 0.01 at 25°C
R1510000	Buffer, Reference Standard, pH 6.00 ± 0.01 at 25°C
R1513000	Buffer, Precision Reference Standard, pH 6.000 ± 0.002 at 25°C
R1540000	Buffer, Reference Standard, pH 6.86 ± 0.01 at 25°C
R1550000	Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C

## pH

R1551400	Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Green)
R1552000	Buffer, Precision Reference Standard, pH 7.000 ± 0.002 at 25°C (Color Coded Yellow)
R1563000	Buffer, Reference Standard, pH 7.38 ± 0.01 at 25°C
R1565000	Buffer, Reference Standard, pH 7.40 ± 0.01 at 25°C
R1576000	Buffer, Reference Standard, pH 7.70 ± 0.01 at 25 °C
R1580000	Buffer, Reference Standard, pH 8.00 ± 0.01 at 25°C
R1590000	Buffer, Reference Standard, pH 9.00 ± 0.01 at 25°C
R1595000	Buffer, Reference Standard, pH 9.18 ± 0.01 at 25°C
R1600000	Buffer, Reference Standard, pH 10.00 ± 0.01 at 25°C
R1602000	Buffer, Precision Reference Standard, pH 10.000 ± 0.005 at 25°C
R1610000	Buffer, Reference Standard, pH 11.00 ± 0.01 at 25°C
R1615000	Buffer, Reference Standard, pH 12.00 ± 0.01 at 25°C
R1618000	Buffer, Reference Standard, pH 12.45 ± 0.01 at 25°C
R1625000	Buffer, Reference Standard, pH 13.00 ± 0.01 at 25°C

## Chloride Determination

R0580000	Aluminum Hydroxide Suspension, for Chloride Determination in Highly Colored Samples
R1940000	Chloride Color Reagent, for Chloride Determination by the Automated Ferricyanide Method
R1950000	Chloride Standard, 1 mL = 0.5 mg Cl <sup>-</sup> , 500 ppm Cl <sup>-</sup> (0.0141 Normal)
R1955000	Chloride Standard, 1 mL = 1 mg Cl <sup>-</sup> , 1000 ppm Cl <sup>-</sup> (0.0282 Normal)
R2610000	Diphenylcarbazone-Bromophenol Blue Mixed Indicator, for Chloride Determination
R2620000	Diphenylcarbazone-Xylene Cyanol Mixed Indicator (not acidifier), for low level Chloride determination
R3134000	Ferric Nitrate Solution, Stock, 202 g/L in dilute Nitric Acid
R4705000	Mercuric Nitrate, 0.0141 Normal, 0.00705 Molar, 1 mL = 0.5 mg Cl <sup>-</sup>
R4740000	Mercuric Nitrate, 0.141 Normal, 0.0705 Molar, 1 mg = 5 mL Cl <sup>-</sup>
R4785000	Mercuric Thiocyanate Stock Solution, 4.17 g/L in Methanol
R5400000	Nitric Acid, 0.100 Normal (N/10)
R5600000	Phenolphthalein Indicator, 0.5% (w/v) in 50% (v/v) Alcohol, Neutralized
R6000000	Potassium Chromate, 5% (w/v) Aqueous Solution, Chloride Free, Indicator for Argentometric Titrations
R6860000	Silver Nitrate, 0.0141 Normal (0.0141 Molar), 1 mL = 0.5 mg Cl <sup>-</sup>
R7350000	Sodium Hydroxide, 0.100 Normal (N/10)
R8180000	Sulfuric Acid, 50% (v/v) Aqueous Solution (1 + 1)
R8300000	Sulfuric Acid, 1.00 Normal

### Lead Determination

R0620000	Ammonium Acetate, 40% (w/w) Aqueous Solution
R0631500	Ammonium Hydroxide, 10% (v/v) Aqueous Solution (1 + 9)
R0640000	Ammonium Hydroxide, 50% (v/v) Aqueous Solution (1 + 1)
R2112000	Citrate-Cyanide Reducing Solution, for Lead Determination
R4000000	Iodine (Iodine-Iodide), 0.100 Normal (N/10)
R4295000	Lead Standard, 1 mL = 0.1 mg Pb, 100 ppm Pb
R5326000	Nitric Acid, 20% (v/v) Aqueous Solution (1 + 4)
R5600000	Phenolphthalein Indicator, 0.5% (w/v) in 50% (v/v) Alcohol, Neutralized
R6040000	Potassium Cyanide, 10% (w/v) Aqueous Solution
R7580000	Sodium Sulfite, 5% (w/v) Aqueous Solution
R7850000	Sodium Tartrate, 10% (w/v) Aqueous Solution
R8410000	Thymol Blue Indicator, 0.4% (w/v) Aqueous Solution

### Mercury Determination

R3925000	Hydroxylamine Hydrochloride, 50 g + 100 mL Water
R4795000	Mercury Standard, 1 mL = 0.1 mg Hg, 100 ppm Hg
R5880000	Potassium Bromide, 40 g + 100 mL Water
R6360000	Potassium Permanganate, 5% (w/v) Aqueous Solution, Mercury Free
R6450000	Potassium Persulfate, 5% (w/v) Aqueous Solution
R8270000	Sulfuric Acid, 0.250 Normal (N/4)

### Phosphorous/Phosphate Determination

R0350000	Alcoholic Sulfuric Acid, for Phosphorus
R0672000	Ammonium Molybdate Reagent I, for Phosphorus Determination by the Stannous Chloride Method (without extraction)
R0673000	Ammonium Molybdate Reagent II, for Phosphorus Determination by the Stannous Chloride Method (with extraction)
R0699300	Antimony Potassium Tartrate Stock Solution, for Phosphate
R3580000	Hydrochloric Acid, 50% (v/v) Aqueous Solution (1 + 1)
R4980000	Methyl Orange Indicator, 0.05% (w/v) Aqueous Solution
R7450000	Sodium Hydroxide, 1.00 Normal
R7466000	Sodium Hydroxide, 6.00 Normal
R7997000	Stannous Chloride Reagent I, for Phosphate Analysis (without extraction)
R7998000	Stannous Chloride Reagent II, for Phosphate Analysis (with extraction)
R8080000	Strong Acid Solution, for Phosphorus Analysis
R8160000	Sulfuric Acid, 14% (v/v) Aqueous Solution
R8325000	Sulfuric Acid, 5.00 Normal
R8980000	Vanadate-Molybdate Reagent, for Phosphorus Analysis

## Calcium Determination

R0624000	Ammonium Chloride, 2% (w/v) Aqueous Solution
R0685000	Ammonium Oxalate, 4% (w/v) Aqueous Solution
R2700000	EDTA Titrant, 0.0100 Molar (M/100)
R2902000	Eriochrome Blue Black R Indicator, 0.2% (w/w) in Sodium Chloride
R3580000	Hydrochloric Acid, 50% (v/v) Aqueous Solution (1 + 1)
R5060000	Methyl Red Indicator, 0.1% (w/v) Aqueous Solution
R5220000	Murexide Indicator, 0.2% (w/w) in Sodium Chloride
R5221000	Murexide Indicator, 0.15% (w/w) in Ethylene Glycol
R6390000	Potassium Permanganate, 0.0500 Normal (N/20), 0.0100 Molar (M/100)
R7450000	Sodium Hydroxide, 1.00 Normal
R8180000	Sulfuric Acid, 50% (v/v) Aqueous Solution (1 + 1)

## Iron Determination

R0060000	Acetate Buffer, for Iron Analysis (Phenanthroline Method)
R3900000	Hydroxylamine Hydrochloride, 10% (w/w) Aqueous Solution
R4190000	Iron Standard, 1 mL = 0.2 mg Fe, 200 ppm Fe
R5520000	1,10-Phenanthroline, 0.1% (w/v) Aqueous Solution
R6410000	Potassium Permanganate, 0.500 Normal (N/2)
R7120000	Sodium Acetate, 20% (w/w) Aqueous Solution

## Nitrogen Content (not in Kjeldahl Digestion)

R0625200	Ammonium Chloride, 8.5% (w/v) Aqueous Solution, with Brij®35
R0626000	Ammonium Chloride-EDTA Solution, for Nitrate by the Cadmium Reduction Method
R1040000	Borate Buffer, pH 9.5, for Ammonia and Organic Nitrogen Analysis
R1065000	Boric Acid, 2% (w/v) Aqueous Solution
R1420000	Brucine-Sulfanilic Acid Solution, for Nitrate Analysis
R1473000	Buffer Solution, for Nitrate Determination using Ion Selective Electrode
R2180000	Cobalt Chloride, 1.2% (w/v) Aqueous Solution with 10% (v/v) Hydrochloric Acid
R2233000	Color Reagent, for Nitrate Determination
R2233500	Color Reagent, for Nitrite Determination Sulfanilamide / N-(1-Naphthyl)ethylenediamine Dihydrochloride Solution
R2317000	Copper Sulfate, 2% (w/v) Aqueous Solution
R2669000	EDTA Reagent, 5% Aqueous with Sodium Hydroxide, for Ammonia Nitrogen Determination
R3143000	Ferrous Ammonium Sulfate, 0.0500 Normal (N/20)
R3700000	Hydrochloric Acid, 1.00 Normal
R3750000	Hydrochloric Acid, 6.00 Normal
R4615000	Manganous Sulfate, 0.00300 Molar

**Nitrogen Content (not in Kjeldahl Digestion)**

R4780000	Mercuric Sulfate Solution, 80 g/L Red Mercuric Oxide in 6 Normal Sulfuric Acid
R5164000	Mixed Indicator Solution, Methyl Red-Methylene Blue
R5165000	Mixed Indicator Kit, APHA
R5250000	Nessler Reagent, for Ammonia Nitrogen Determination
R5256000	Nessler's Reagent TS, Current USP Formulation Mercuric-Potassium Iodide TS, Alkaline
R5450000	Nitrogen Standard, 1 mL = 0.01 mg N, 10 ppm N as Ammonia (12.2 ppm NH <sub>3</sub> )
R5455000	Nitrogen Standard, 1 mL = 1 mg N, 1000 ppm N as Ammonia (1216 ppm NH <sub>3</sub> )
R5456000	Nitrogen Standard, 1 mL = 0.01 mg N, 10 ppm N as Nitrate (44.27 ppm NO <sub>3</sub> <sup>-</sup> )
R5457000	Nitrogen Standard, 1 mL = 0.1 mg N, 100 ppm N as Nitrate (442.7 ppm NO <sub>3</sub> <sup>-</sup> )
R5460000	Nitrogen Standard, 1 mL = 0.25 mg N, 250 ppm N as Nitrite (821 ppm NO <sub>2</sub> <sup>-</sup> ), Equivalent to 1 mL = 821.1 ppm Nitrite (NO <sub>2</sub> )
R5745000	Phenylarsine Oxide Dechlorinating Agent, 1.2 g/L
R6390000	Potassium Permanganate, 0.0500 Normal (N/20), 0.0100 Molar (M/100)
R6640000	Rochelle Salt Stabilizer, for Ammonia Determination
R7140000	Sodium Arsenite, 0.5% (w/v) Aqueous Solution
R7140100	Sodium Arsenite, 1% (w/v) Aqueous Solution
R7220000	Sodium Chloride, 30% (w/v) Aqueous Solution
R7350000	Sodium Hydroxide, 0.100 Normal (N/10)
R7450000	Sodium Hydroxide, 1.00 Normal
R7466000	Sodium Hydroxide, 6.00 Normal
R7470000	Sodium Hydroxide, 10.0 Normal
R7478000	Sodium Hydroxide - EDTA Solution, 10 N
R7495100	Sodium Hypochlorite Solution, 2.5% (w/w) NaOCl
R7495500	Sodium Hypochlorite Solution, 5% available Chlorine
R7498000	Sodium Nitroprusside, 0.5 g/L Aqueous Solution
R7499500	Sodium Oxalate, 0.0250 Molar (M/40), 0.0500 Normal (N/20)
R7518000	Sodium Phenate Solution, for Ammonia Nitrogen Analysis
R7540000	Sodium Potassium Tartrate, 10% (w/v) Aqueous Solution, pH 5.2
R8103000	Sulfanilamide Reagent, 1% (w/v) in 10% (v/v) Hydrochloric Acid
R8190000	Sulfuric Acid, 80% (v/v) Aqueous Solution (4 + 1)
R8200000	Sulfuric Acid, 0.0200 Normal (N/50)
R8215000	Sulfuric Acid, 0.0400 Normal (N/25), 0.0200 Molar (M/50)
R8300000	Sulfuric Acid, 1.00 Normal
R8325000	Sulfuric Acid, 5.00 Normal
R5950000	Potassium Chloroplatinate, 0.2% (w/v) in 10% (v/v) Hydrochloric Acid



## Arsenic Determination

R3710000	Hydrochloric Acid, 2.00 Normal
R4293400	Lead Acetate, 10% (w/v) Aqueous Solution
R6810000	Silver Diethyldithiocarbamate, 0.3% (w/v) in Chloroform
R7129000	Sodium Acetate, 0.200 Molar (M/5)

## Magnesium Determination

R0628000	Ammonium Hydroxide, 5% (v/v) Aqueous Solution (1 + 19)
R0689300	Ammonium Phosphate Dibasic, 30% (w/v) Aqueous Solution (Diammonium hydrogen phosphate solution), APHA for Magnesium
R3560000	Hydrochloric Acid, 1% (v/v) Aqueous Solution (1 + 99)
R3570000	Hydrochloric Acid, 10% (v/v) Aqueous Solution (1 + 9)
R3580000	Hydrochloric Acid, 50% (v/v) Aqueous Solution (1 + 1)

## Conductivity

R5885050	Potassium Chloride Conductivity Standard, 5 $\mu$ S/cm (5 $\mu$ mho/cm) at 25°C
R2247000	Conductivity/TDS Standard, 20 mS/cm (20,000 $\mu$ mho/cm) at 25°C, 11,000 ppm as NaCl

## Hydrolytic Rancidity Test

R0910000	BDI Reagent, for Acid Degree Value (Hydrolytic Rancidity Test)
----------	--

## NF/FCC Reagents

R3614012	Hydrochloric Acid, 0.15 Normal, NF/FCC, BMS 020359
R3645013	Hydrochloric Acid, 0.4 Normal, NF/FCC, BMS 020354
R3700110	Hydrochloric Acid, 1 Normal, NF/FCC, BMS 020355
R3710200	Hydrochloric Acid, 2.00 Normal, NF/FCC, BMS 020368
R3741000	Hydrochloric Acid, 5.00 Normal, NF/FCC, BMS 020364
R5840600	Phosphoric Acid, Diluted, NF
R6193000	Potassium Hydroxide, 45% w/w Aqueous Solution, FCC
R6589100	Quimociac TS (FCC)
R7356800	Sodium Hydroxide, 0.154 Normal, NF / FCC BMS#020357 (-250A) / BMS #020367 (-25A)
R7450510	Sodium Hydroxide, 1.00 Normal, NF / FCC BMS#020356
R7470051	Sodium Hydroxide, 10.0 Normal, NF / FCC BMS#020353

## HPLC Reagents

R0101000	Acetic Acid, 1% (v/v) Aqueous Solution (1 + 99) HPLC
R0195000	Acetone/Acetonitrile, 80/20, HPLC Grade
R0240000	Acetonitrile, 65% (v/v) Aqueous Solution, HPLC Grade
R0618700	Ammonium Acetate, 0.075 Molar, Aqueous Solution, HPLC
R3541000	HPLC Mobile Phase 0.1 M Potassium Phosphate Buffer (pH 3.0) / Acetonitrile, 88:12 (v/v)
R3542000	HPLC Mobile Phase 0.45% v/v Phosphoric Acid / 10% v/v Methanol
R3543000	QDH HPLC Mobile Phase, pH 4.0
R4000400	Iodine, 0.100 Normal (N/10) in HPLC Methanol
R4207150	Isopropyl Alcohol, 15% (v/v) Aqueous Solution, HPLC Grade
R4815000	Methanol, 10% (v/v) Aqueous Solution, HPLC Grade
R4820500	Methanol, 50% (v/v) Aqueous Solution, HPLC Grade
R4821500	Methanol, 75% (v/v) Aqueous Solution, HPLC Grade
R4828000	Methanol, HPLC Grade
R5841000	Phosphoric Acid, 1.00 Molar, HPLC Grade
R5845100	Phosphoric Acid, 0.1% (v/v) HPLC
R6720000	SFA Buffer, for HPLC
R8384100	Tetrabutylammonium Hydrogen Sulfate, pH 4.8 Buffer, HPLC Mobile Phase
R8696600	Trifluoroacetic Acid, 0.05% (w/v) HPLC
R9153000	Water, HPLC Grade, ACS Reagent Grade, Suitable for Ultraviolet Spectrophotometry and Liquid Chromatography
RDCA0401	Ammonium Acetate, HPLC Grade
RMPBHPLC	Mobile Phase Buffer, HPLC



**RIGHT • READY • RICCA**

---

PROPRIETARY STATEMENT: This sales guide contains proprietary and confidential information of RICCA CHEMICAL COMPANY, and shall not be used, disclosed or reproduced, in whole or part without expressed written consent.

© 2013, RICCA CHEMICAL COMPANY