

Solutions for the Petrochemical Industry

RICCA CHEMICAL COMPANY offers a wide variety of high-quality chemical testing solutions for the Petrochemical Industry. The products are manufactured to precise ASTM specifications and tested by degreed chemists to ensure quality and stability in our customers' refining processes.



RICCA is a reliable source for standards and solutions for your refining needs.

- ISO 9001:2008 certified
- Standardized and certified traceable to NIST Standard Reference Material as appropriate
- Round robin tests are performed between plants as an additional layer of quality assurance consistency
- Unique lot numbers and expiration dates printed on each label
- Wide range of packaging options available in a variety of sizes

Partner with RICCA and you can expect...

- Products are assigned a unique lot number at manufacture.
- Detailed 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 with minimal lot-to-lot variance.
- Industry degreed staff from inside sales to technical support
- The ability to create custom solutions to meet your every need.
- Free samples on most products, so you can try before you buy.



RICCA offers ready-to-use analytical solutions for the petrochemical industry. Whether you are testing crude oil or oils from refined petroleum, we have the products to accommodate your testing needs and increase lab efficiency.

Products for Analyses including:

Acid and Base Number of Petroleum Products:

55151	Perchloric Acid, 0.100 Normal (N/10) in Glacial Acetic Acid
750516	Sodium Perchlorate Electrolyte, Saturated Solution in Glacial Acetic Acid
546216	Nonaqueous Buffer Stock Solution A, for Acid Number of Petroleum Products
546316	Nonaqueous Buffer Stock Solution B, for Acid Number and Neutralization Number of Petroleum Products
38001	Hydrochloric Acid, 0.100 Normal (N/10) in Isopropyl Alcohol
38021	Hydrochloric Acid, 0.200 Normal (N/5) in Isopropyl Alcohol
59001	Potassium Chloride, Saturated Aqueous (approximately 4 Molar)
522516	p-Naphtholbenzein Indicator, 1% (w/v) in Titration Solvent
86201	Titration Solvent, for Neutralization Number of Petroleum Products
50001	Methyl Orange Indicator, 0.1% (w/v) Aqueous Solution
62571	Potassium Hydroxide 0.100 Normal (N/10) in Isopropyl Alcohol

Sulfur in Petroleum Products:

1301	Acetic Acid, 5% (v/v) Aqueous Solution (1 + 19)
85016	Barium Chloride, 10% (w/v) Aqueous Solution
72601	Sodium Hydroxide, 10% (w/v) Aqueous Solution (100 g/L)
73301	Sodium Hydroxide, 0.0500 Normal (N/20)
5040416	Methyl Purple Indicator Solution
119516	Bromine Water, Saturated, approximately 3% (w/v)
71551	Sodium Carbonate, 5% (w/v) Aqueous Solution
13622621	Water, ACS Reagent Grade, ASTM Type I, ASTM Type II
26501	Doctor Solution (Sodium Plumbite)
72501	Sodium Hydroxide, 5% (w/v) Aqueous Solution (50 g/L)
70261	Silver Nitrate, 0.0100 Normal (N/100) in Isopropyl Alcohol
70331	Silver Nitrate, 0.100 Normal (N/10) in Isopropyl Alcohol
35771	Hydrochloric Acid, 25% (v/v) Aqueous Solution (1 + 3)
35801	Hydrochloric Acid, 50% (v/v) Aqueous Solution (1 + 1)
73501	Sodium Hydroxide, 0.100 Normal (N/10)
82601	Sulfuric Acid, 0.200 Normal (N/5)
50001	Methyl Orange Indicator, 0.1% (w/v) Aqueous Solution

Reference Buffers - Make pH analysis easy by using RICCA CHEMICAL COMPANY's line of pH Reference Buffers. Our buffers are readily available, quality oriented, and competitively priced. With NIST-traceability and color-coding available, RICCA can be your trusted source of pH reference buffers.

Analysis of Lubricating Oils:

37001	Hydrochloric Acid, 1.00 Normal
73501	Sodium Hydroxide, 0.100 Normal (N/10)
842216	Thymol Blue TS/RS, 0.1% (w/v) in Alcohol
35901	Hydrochloric Acid, 0.0100 Normal (N/100)
5045416	Methyl Red TS, 0.1% (w/v) Alcoholic Solution
5350165PT	Nitric Acid, 50% (v/v) Aqueous Solution (1 + 1)
35771	Hydrochloric Acid, 25% (v/v) Aqueous Solution (1 + 3)
36501	Hydrochloric Acid, 0.500 Normal (N/2)
532616	Nitric Acid, 20% (v/v) Aqueous Solution (1 + 4)
62651	Potassium Hydroxide, 0.500 Normal (N/2) in Denatured Alcohol
7272416	Sodium Hydroxide, 24% (w/v) Aqueous Solution
73301	Sodium Hydroxide, 0.0500 Normal (N/20)
81651	Sulfuric Acid, 20% (v/v) Aqueous Solution (1 + 4), Reagent Grade

Standards – RICCA provides standard reagents to accompany a multitude of different testing methods. From Conductivity to Ion Chromatography to Spectroscopy and everything in between, RICCA has the standards available for reliable, one-stop shopping for your laboratory processes.

Bromine Number and Bromine Index of Petroleum Products:

11681	Bromate-Bromide Solution, 0.0500 Normal (N/20)
816216	Sulfuric Acid, 16.7% (v/v) Aqueous Solution (1 + 5)
63051	Potassium Iodide, 15% (w/v) Aqueous Solution, Stabilized
79401	Sodium Thiosulfate, 0.0500 Normal (N/20)
79501	Sodium Thiosulfate, 0.100 Normal (N/10)
11721	Bromate-Bromide Solution, 0.500 Normal (N/2), 0.250 Molar as Br ₂

Titration – Add value to your laboratory supply chain with RICCA CHEMICAL COMPANY's NIST-traceable titrants. Instill confidence and stability in your processes by taking advantage of our tight specifications and minimal lot-to-lot variability. Rely on our competitive pricing, multiple facilities, and rigorous quality systems to help you reduce costs and increase throughput in your laboratory processes.

Chlorine in Petroleum Products:

53505PT	Nitric Acid, 50% (v/v) Aqueous Solution (1 + 1)
682816	Silver Nitrate, 5% (w/v) Aqueous Solution
71551	Sodium Carbonate, 5% (w/v) Aqueous Solution

General Use Reagents - RICCA CHEMICAL COMPANY offers a full set of general use cleaning solutions, acids, bases, dry chemicals, and solvents. With high quality, competitive pricing, and rapid service, our general use products are guaranteed to exceed your needs.

Saponification of Petroleum Products:

65901	Reagent Alcohol, ACS Reagent Grade, Anhydrous, Absolute
36501	Hydrochloric Acid, 0.500 Normal (N/2)
13622621	Water, ACS Reagent Grade, ASTM Type I, ASTM Type II
62651	Potassium Hydroxide, 0.500 Normal (N/2) in Denatured Alcohol

Chemical Indicators - Find the indicators necessary for your laboratory processes in our vast line of chemical indicators. Ensure accuracy when you partner an indicator with one of our NIST-traceable titrants.



In the United States:
For customer service, call 1-800-766-7000.
To fax an order, use 1-800-926-1166.
To order online: www.fishersci.com

In Canada:
For customer service, call 1-800-234-7437.
To fax an order, use 1-800-463-2996.
To order online: www.fishersci.ca

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