





With well over 100 years of experience, Thomas Scientific is the leading chemical supplier in the market. Our mission is to provide you with first-in-class quality chemicals in combination with our quick delivery quick-ship program from our numerous warehouses around the United States.

We've got you covered with Thomas Scientific's proven track record, providing:

- Lot to Lot Consistency
- Sizing and Formulation Flexibility
- Cost Effective Custom Blending Abilities
- Accessible Certificates of Analysis and Safety Data Sheets
- Immediate Delivery

Our goal is to provide quality products on time, every time, to support a variety of applications. If you don't see what you are looking for, please ask your Thomas Representative.

Use QR code technology to get your Certificate of Analysis instantaneously.



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## Inorganic Acids

An inorganic acid is an acid derived from one or more inorganic compounds. Thomas Scientific specializes in providing high quality chemicals to the marketplace.



### Hydrochloric Acid (HCl)

Thomas No.	Description	Sizes	Pkg
C748B59	Hydrochloric Acid, 0.020N	1 L	Poly Bottle
C748B60	Hydrochloric Acid, 0.020N	4 L	Poly Bottle
C748B61	Hydrochloric Acid, 0.020N	20 L	Cubitainer
C748B58	Hydrochloric Acid, 0.10N	500 mL	Poly Bottle
C748B52	Hydrochloric Acid, 0.10N	1 L	Poly Bottle
C748B53	Hydrochloric Acid, 0.10N	4 L	Poly Bottle
C748B54	Hydrochloric Acid, 0.10N	10 L	Cubitainer
C748B55	Hydrochloric Acid, 0.10N	20 L	Cubitainer
C748B56	Hydrochloric Acid, 0.10N	20 L	Hedpak
C748B57	Hydrochloric Acid, 0.10N	20 L	Winpak
C748B62	Hydrochloric Acid, 0.50N, UN1789	500 mL	Poly Bottle
C748B63	Hydrochloric Acid, 0.50N, UN1789	1 L	Poly Bottle
C748B64	Hydrochloric Acid, 0.50N, UN1789	4 L	Poly Bottle
C748B65	Hydrochloric Acid, 0.50N, UN1789	4 L	Cubitainer
C748B66	Hydrochloric Acid, 0.50N, UN1789	10 L	Cubitainer
C748B67	Hydrochloric Acid, 0.5N, UN1789	20 L	Cubitainer
C748C87	Hydrochloric Acid, 0.60N UN1789	500 mL	Poly Bottle
C748C88	Hydrochloric Acid, 0.60N, UN1789	1 L	Poly Bottle
C748C89	Hydrochloric Acid, 0.60N, UN1789	4 L	Poly Bottle
C748C90	Hydrochloric Acid, 0.60N, UN1789	20 L	Cubitainer
C748B68	Hydrochloric Acid, 1.0N, UN1789	500 mL	Poly Bottle

Thomas No.	Description	Sizes	Pkg
C748B69	Hydrochloric Acid, 1.0N, UN1789	1 L	Poly Bottle
C748B70	Hydrochloric Acid, 1.0N, UN1789	4 L	Cubitainer
C748B71	Hydrochloric Acid, 1.0N, UN1789	4 L	Poly Bottle
C748B72	Hydrochloric Acid, 1.0N, UN1789	10 L	Cubitainer
C748B73	Hydrochloric Acid, 1.0N, UN1789	20 L	Cubitainer
C748B74	Hydrochloric Acid, 1.0N, UN1789	20 L	Hedpak
C748C82	Hydrochloric Acid, 10%(v/v), UN1789	500 mL	Poly Bottle
C748C83	Hydrochloric Acid, 10%(v/v), UN1789	4 L	Poly Bottle
C748C94	Hydrochloric Acid, 2.0N, UN1789	500 mL	Poly Bottle
C748C95	Hydrochloric Acid, 2.0N, UN1789	1 L	Poly Bottle
C748C96	Hydrochloric Acid, 2.0N, UN1789	4 L	Poly Bottle
C748C97	Hydrochloric Acid, 2.0N, UN1789	20 L	Cubitainer
C748C91	Hydrochloric Acid, 3.0N, UN1789	1 L	Poly Bottle
C748C92	Hydrochloric Acid, 3.0N, UN1789	4 L	Poly Bottle
C748C84	Hydrochloric Acid, 5.0N, UN1789	500 mL	Poly Bottle
C748C85	Hydrochloric Acid, 5.0N, UN1789	1 L	Poly Bottle
C748C86	Hydrochloric Acid, 5.0N, UN1789	4 L	Poly Bottle
C748B49	Hydrochloric Acid, 50%(v/v), UN1789	500 mL	Poly Bottle
C748B50	Hydrochloric Acid, 50%(v/v), UN1789	1 L	Poly Bottle
C748B51	Hydrochloric Acid, 50%(v/v), UN1789	4 L	Poly Bottle
C748C93	Hydrochloric Acid, 7.7N, UN1789	500 mL	Poly Bottle



**Inorganic Acids** *(continued)*

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

Thomas No.	Description	Sizes	Pkg
C748C06	Sulfuric Acid, 0.020N	500 mL	Poly Bottle
C748C07	Sulfuric Acid, 0.020N	1 L	Poly Bottle
C748C08	Sulfuric Acid, 0.020N	4 L	Poly Bottle
C748C09	Sulfuric Acid, 0.020N	10 L	Cubitainer
C748C10	Sulfuric Acid, 0.020N	20 L	Cubitainer
C748D45	Sulfuric Acid, 0.040N	500 mL	Poly Bottle
C748D46	Sulfuric Acid, 0.040N	1 L	Poly Bottle
C748D47	Sulfuric Acid, 0.040N	4 L	Poly Bottle
C748C11	Sulfuric Acid, 0.10N	500 mL	Poly Bottle
C748C12	Sulfuric Acid, 0.10N	1 L	Poly Bottle
C748C13	Sulfuric Acid, 0.10N	4 L	Poly Bottle
C748C14	Sulfuric Acid, 0.10N	4 L	Cubitainer
C748C15	Sulfuric Acid, 0.10N	10 L	Cubitainer
C748C16	Sulfuric Acid, 0.10N	20 L	Cubitainer
C748C17	Sulfuric Acid, 0.20N	500 mL	Poly Bottle
C748C18	Sulfuric Acid, 0.20N	4 L	Poly Bottle
C748C19	Sulfuric Acid, 0.20N	20 L	Cubitainer
C748C20	Sulfuric Acid, 0.25N	500 mL	Poly Bottle
C748C21	Sulfuric Acid, 0.50N	500 mL	Poly Bottle
C748C22	Sulfuric Acid, 0.50N	1 L	Poly Bottle
C748C23	Sulfuric Acid, 0.50N	4 L	Poly Bottle
C748C24	Sulfuric Acid, 0.50N	10 L	Cubitainer

Thomas No.	Description	Sizes	Pkg
C748C25	Sulfuric Acid, 0.50N	20 L	Cubitainer
C748D42	Sulfuric Acid, 0.94N	4 L	Poly Bottle
C748C26	Sulfuric Acid, 1.0N	500 mL	Poly Bottle
C748C27	Sulfuric Acid, 1.0N	1 L	Poly Bottle
C748C28	Sulfuric Acid, 1.0N	4 L	Poly Bottle
C748C29	Sulfuric Acid, 1.0N	10 L	Cubitainer
C748C30	Sulfuric Acid, 1.0N	20 L	Cubitainer
C748D37	Sulfuric Acid, 2.0N, UN3264	500 mL	Poly Bottle
C748D38	Sulfuric Acid, 2.0N, UN3264	1 L	Poly Bottle
C748D39	Sulfuric Acid, 2.0N, UN3264	4 L	Poly Bottle
C748D40	Sulfuric Acid, 2.0N, UN3264	10 L	Cubitainer
C748D41	Sulfuric Acid, 2.0N, UN3264	20 L	Cubitainer
C748C31	Sulfuric Acid, 4.0N, UN2796	4 L	Poly Bottle
C748C32	Sulfuric Acid, 4.0N, UN2796	10 L	Cubitainer
C748C33	Sulfuric Acid, 4.0N, UN2796	20 L	Hedpak
C748C34	Sulfuric Acid, 4.0N, UN2796	20 L	Cubitainer
C748C35	Sulfuric Acid, 50% (v/v), UN1830	500 mL	Poly Bottle
C748C36	Sulfuric Acid, 50% (v/v), UN1830	1 L	Poly Bottle
C748D34	Sulfuric Acid, 6.0N, UN2796	500 mL	Poly Bottle
C748D35	Sulfuric Acid, 6.0N, UN2796	4 L	Poly Bottle
C748D36	Sulfuric Acid, 6.0N, UN2796	20 L	Cubitainer



## Organic Acids

Organic Acids are a staple in chemistry. Thomas Scientific is a supplier of high-quality chemicals at a value allowing your laboratory to maximize its efficiencies.

### EDTA Titrant

Thomas No.	Description	Sizes	Pkg
C748C74	EDTA Titrant, 0.0005M	4 L	Poly Bottle
C748C81	EDTA Titrant, 0.001M	4 L	Poly Bottle
C748C76	EDTA Titrant, 0.01M	500 mL	Poly Bottle
C748C77	EDTA Titrant, 0.01M	1 L	Poly Bottle
C748C78	EDTA Titrant, 0.01M	4 L	Poly Bottle
C748C79	EDTA Titrant, 0.01M	10 L	Cubitainer
C748C80	EDTA Titrant, 0.01M	20 L	Cubitainer
C748C75	EDTA Titrant, 0.02M	4 L	Poly Bottle
C748B76	EDTA Titrant, 0.0575M	1 L	Poly Bottle
C748B77	EDTA Titrant, 0.0575M	4 L	Poly Bottle
C748B78	EDTA Titrant, 0.0575M	20 L	Cubitainer
C748B79	EDTA Titrant, 0.1M	1 L	Poly Bottle
C748B80	EDTA Titrant, 0.1M	4 L	Poly Bottle
C748B81	EDTA Titrant, 0.1M	10 L	Cubitainer
C748B82	EDTA Titrant, 0.1M	20 L	Cubitainer



## pH Buffer Solutions

Because calibration is an exact science, Thomas Scientific buffers are labeled for proper meter calibration at 25°C, ensuring your measurements are precise every time.\*

### pH Reference Buffer

Thomas No.	Description	Sizes	Pkg
C748D50	Buffer Set (pH 4,7,10), Color-Coded	3 x 500 mL	Poly Bottle
C748A46	Buffer Solution, Clear pH 1.00	500 mL	Poly Bottle
C748A47	Buffer Solution, Clear pH 1.00	1 L	Poly Bottle
C748A48	Buffer Solution, Clear pH 1.68	500 mL	Poly Bottle
C748A49	Buffer Solution, Clear pH 1.68	4 L	Poly Bottle
C748A50	Buffer Solution, Clear pH 2.00	500 mL	Poly Bottle
C748A51	Buffer Solution, Clear pH 3.00	500 mL	Poly Bottle
C748A52	Buffer Solution, Clear pH 4.00	500 mL	Poly Bottle
C748A53	Buffer Solution, Clear pH 4.00	1 L	Poly Bottle
C748A54	Buffer Solution, Clear pH 4.00	4 L	Poly Bottle
C748A55	Buffer Solution, Clear pH 4.00	20 L	Cubitainer

Thomas No.	Description	Sizes	Pkg
C748A78	Buffer Solution, pH 4.00, Red	500 mL	Poly Bottle
C748A79	Buffer Solution, pH 4.00, Red	1 L	Poly Bottle
C748A80	Buffer Solution, pH 4.00, Red	4 L	Poly Bottle
C748A81	Buffer Solution, pH 4.00, Red	10 L	Cubitainer
C748A82	Buffer Solution, pH 4.00, Red	20 L	Cubitainer
C748A56	Buffer Solution, Clear pH 5.00	500 mL	Poly Bottle
C748A57	Buffer Solution, Clear pH 5.50	1 L	Poly Bottle
C748A58	Buffer Solution, Clear pH 6.00	4 L	Poly Bottle
C748A59	Buffer Solution, Clear pH 6.86	500 mL	Poly Bottle
C748A60	Buffer Solution, Clear pH 6.86	4 L	Poly Bottle
C748A61	Buffer Solution, Clear pH 7.00	500 mL	Poly Bottle
C748A62	Buffer Solution, Clear pH 7.00	1 L	Poly Bottle
C748A63	Buffer Solution, Clear pH 7.00	4 L	Poly Bottle
C748A64	Buffer Solution, Clear pH 7.00	20 L	Cubitainer
C748A83	Buffer Solution, pH 7.00, Yellow	500 mL	Poly Bottle
C748A84	Buffer Solution, pH 7.00, Yellow	1 L	Poly Bottle

\*If using a temperature other than 25°C, use the value from the chart as the pH entry for calibration.

#### pH 4.00 Buffer Solution

°C	0	5	10	15	20	25	30	35	40	45	50
pH	7.12	7.09	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97

#### pH 7.00 Buffer Solution

°C	0	5	10	15	20	25	30	35	40	45	50
pH	7.12	7.09	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97

#### pH 10.00 Buffer Solution

°C	0	5	10	15	20	25	30	35	40	45	50
pH	10.32	10.24	10.18	10.12	10.06	10.00	9.97	9.92	9.88	9.85	9.82

**pH Buffer Solutions** *(continued)*

Thomas No.	Description	Sizes	Pkg
C748A85	Buffer Solution, pH 7.00, Yellow	4 L	Poly Bottle
C748A86	Buffer Solution, pH 7.00, Yellow	10 L	Cubitainer
C748A87	Buffer Solution, pH 7.00, Yellow	20 L	Cubitainer
C748A65	Buffer Solution, Clear pH 8.00	500 mL	Poly Bottle
C748A66	Buffer Solution, Clear pH 8.00	4 L	Poly Bottle
C748A67	Buffer Solution, Clear pH 9.00	500 mL	Poly Bottle
C748A68	Buffer Solution, Clear pH 9.00	1 L	Poly Bottle
C748A69	Buffer Solution, Clear pH 9.00	4 L	Poly Bottle
C748A70	Buffer Solution, Clear pH 9.18	500 mL	Poly Bottle
C748A71	Buffer Solution, Clear pH 9.18	4 L	Poly Bottle
C748A72	Buffer Solution, Clear pH 10.00	500 mL	Poly Bottle
C748A73	Buffer Solution, Clear pH 10.00	1 L	Poly Bottle
C748A74	Buffer Solution, Clear pH 10.00	4 L	Poly Bottle
C748A75	Buffer Solution, Clear pH 10.00	20 L	Cubitainer
C748A88	Buffer Solution, pH 10.00, Blue	500 mL	Poly Bottle
C748A89	Buffer Solution, pH 10.00, Blue	1 L	Poly Bottle
C748A90	Buffer Solution, pH 10.00, Blue	4 L	Poly Bottle
C748A91	Buffer Solution, pH 10.00, Blue	10 L	Cubitainer
C748A92	Buffer Solution, pH 10.00, Blue	20 L	Cubitainer
C748A76	Buffer Solution, Clear pH 12.45	500 mL	Poly Bottle
C748A77	Buffer Solution, Clear pH 12.45	4 L	Poly Bottle

**Traceable® pH Buffer Standards (CRM)**

Traceable® pH Standards, Certified Reference Materials, are 100% compatible with all instruments and probes. Accuracy for the Traceable® Buffers at 25°C is ±0.010 pH—the most precise available. Certified Reference Materials meet Federal/State/local agencies' strictest mandates and deliver exact calibration results for any pH meter.

Thomas No.	Description	Sizes	Pkg
1218M92	Traceable pH Buffer Standard, CRM, 4.005 One-Shot 6pk	100 mL	Poly Vial
1218M93	Traceable pH Buffer Standard, CRM, 7.000 One-Shot 6pk	100 mL	Poly Vial
1218M94	Traceable pH Buffer Standard, CRM, 7.416 One-Shot 6pk	100 mL	Poly Vial
1218M95	Traceable pH Buffer Standard, CRM, 10.012 One-Shot 6pk	100 mL	Poly Vial

**One-Shot Traceable Conductivity Standards**

Single-use standards eliminate concerns about external container contamination. Each container is labeled for calibrating conductivity (micromhos), resistivity (megohms) and dissolved solids (parts per million) of KCl. Vials have an extra-large opening and depth (1 3/4" dia. x 3 1/2" D) which allows calibration to be done in the vial.

Thomas No.	Description	Sizes	Pkg
3239M80	TCS, Assortment, One-Shot 6pk	100 mL	Poly Vial
1235D12	TCS, 5 µS, One-Shot 6pk	100 mL	Poly Vial
3239M50	TCS, 10 µS, One-Shot 6pk	100 mL	Poly Vial
3239M55	TCS, 100 µS, One-Shot 6pk	100 mL	Poly Vial
3239M60	TCS, 1000 µS, One-Shot 6pk	100 mL	Poly Vial
3239M65	TCS, 1413 µS, One-Shot 6pk	100 mL	Poly Vial
3239M70	TCS, 10,000 µS, One-Shot 6pk	100 mL	Poly Vial
3239M75	TCS, 100,000 µS, One-Shot 6pk	100 mL	Poly Vial
1222W17	TCS, 150,000 µS, One-Shot 6pk	100 mL	Poly Vial
1222W18	TCS, 200,000 µS, One-Shot 6pk	100mL	Poly Vial

**M1000 Benchtop Meter**

Thomas No. 1147H73

M1000 Benchtop pH/mV/ISE/Cond./DO Meter only

Thomas No. 1147H74

M1000 Benchtop pH/mV/ISE/Cond./DO Meters Kit (Meter M1000, ATC-01, REF-01, PH-02 electrode, CC-01 electrode, DO-01 Electrode, Flexible Arm Electrode Holder, power adapter, cable & software), 9V



**PC300 Benchtop Meter**

Thomas No. 1147H66

PC300 Benchtop pH/Conductivity Meter only

Thomas No. 1147H67

PC300 Benchtop pH/Conductivity Meter Kit (Meter PC300, ATC/pH Electrode PH-02, ATC-01, Conductivity Electrode CC-01, Flexible Arm Electrode Holder, power adapter, cable & software), 9V

Thomas No. 1147H68

PC300 Benchtop pH/Conductivity Meter Kit (Meter PC300, ATC/pH Electrode 201T-F, ATC-01, Conductivity Electrode CC-02, Flexible Arm Electrode Holder, power adapter, cable & software), 9V



**PC200 Portable Meter**

Thomas No. 1147H77

PC200 Portable pH/Conductivity Meter only

Thomas No. 1147H78

PC200 Portable pH/Conductivity Meter Kit (PC200 Meter, PH-02 Electrode, CC-01 Conductivity/Temp. Electrode &, buffers, USB cable, software disk & carrying case)



## Traceable® Conductivity Calibration Standards (TCCS)

Calibration standards are traceable to NIST for accuracy. To assure accuracy, units are provided with an individual serial numbered Traceable certificate from an ISO 17025 calibration laboratory accredited by A2LA. Certificate indicates traceability to standards provided by NIST.

## Traceable® Conductivity Calibration Standards

Thomas No.	Description	Sizes	Pkg
1235D68	TCCS, 1 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D69	TCCS, 1 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235D11	TCCS, 5 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D44	TCS, 5 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235C71	TCCS, 10 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D39	TCCS, 10 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235C72	TCCS, 100 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D40	TCCS, 100 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235C73	TCCS, 1,000 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D41	TCCS, 1,000 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235D45	TCCS, 1,413 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle

## Conductivity Standards

Confidence in measuring is a Thomas standard, which is why we have a variety of Conductivity Standards, both concentrations and sizes.

This is dependent upon the concentration and chemical specifics of the standard as well as the actual temperature, but generally +/- 0.5% of the value expected for that ionized molecule at a specific temperature.

## Conductivity Standards

Thomas No.	Description	Sizes	Pkg
C748A93	Conductivity Standard, 10 uS/cm	500 mL	Poly Bottle
C748A94	Conductivity Standard, 50 uS/cm	1 L	Poly Bottle
C748A95	Conductivity Standard, 84 uS/cm	500 mL	Poly Bottle
C748A96	Conductivity Standard, 100 uS/cm	500 mL	Poly Bottle
C748A97	Conductivity Standard, 100 uS/cm	1 L	Poly Bottle
C748A98	Conductivity Standard, 147 uS/cm	500 mL	Poly Bottle
C748A99	Conductivity Standard, 447 uS/cm	500 mL	Poly Bottle
C748B00	Conductivity Standard, 447 uS/cm	1 L	Poly Bottle
C748B01	Conductivity Standard, 500 uS/cm	500 mL	Poly Bottle
C748B02	Conductivity Standard, 500 uS/cm	1 L	Poly Bottle
C748B03	Conductivity Standard, 700 uS/cm	1 L	Poly Bottle
C748B05	Conductivity Standard, 1000 uS/cm	1 L	Poly Bottle

Thomas No.	Description	Sizes	Pkg
1235C74	TCCS, 10,000 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D42	TCCS, 10,000 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1235C75	TCCS, 100,000 µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1235D43	TCCS, 100,000 µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1222W07	TCCS, 150K µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1222W15	TCCS, 150K µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle
1222W08	TCCS, 200K µs, NIST/17025 A2LA Cert	16 oz	Poly Bottle
1222W16	TCCS, 200K µs, NIST/17025 A2LA Cert, Individually Tested	16 oz	Poly Bottle



Thomas No.	Description	Sizes	Pkg
C748B06	Conductivity Standard, 1000 uS/cm	4 L	Poly Bottle
C748B04	Conductivity Standard, 1000 uS/cm	500 mL	Poly Bottle
C748B07	Conductivity Standard, 1413 uS/cm	500 mL	Poly Bottle
C748B08	Conductivity Standard, 1413 uS/cm	1 L	Poly Bottle
C748B09	Conductivity Standard, 1413 uS/cm	4 L	Poly Bottle
C748B10	Conductivity Standard, 1500 uS/cm	500 mL	Poly Bottle
C748B11	Conductivity Standard, 1500 uS/cm	1 L	Poly Bottle
C748B12	Conductivity Standard, 1800 uS/cm	1 L	Poly Bottle
C748B13	Conductivity Standard, 2000 uS/cm	500 mL	Poly Bottle
C748B14	Conductivity Standard, 2000 uS/cm	1 L	Poly Bottle
C748B15	Conductivity Standard, 2000 uS/cm	4 L	Poly Bottle
C748B16	Conductivity Standard, 2500 uS/cm	500 mL	Poly Bottle
C748B17	Conductivity Standard, 2500 uS/cm	1 L	Poly Bottle
C748B18	Conductivity Standard, 2500 uS/cm	4 L	Poly Bottle
C748B19	Conductivity Standard, 2764 uS/cm	500 mL	Poly Bottle
C748B20	Conductivity Standard, 3000 uS/cm	500 mL	Poly Bottle
C748B21	Conductivity Standard, 3000 uS/cm	1 L	Poly Bottle
C748B22	Conductivity Standard, 3900 uS/cm	500 mL	Poly Bottle
C748B23	Conductivity Standard, 3900 uS/cm	1L	Poly Bottle
C748B24	Conductivity Standard, 4000 uS/cm	500 mL	Poly Bottle
C748B25	Conductivity Standard, 5000 uS/cm	500 mL	Poly Bottle
C748B26	Conductivity Standard, 5000 uS/cm	1 L	Poly Bottle
C748B27	Conductivity Standard, 6667 uS/cm	500 mL	Poly Bottle

## Conductivity Standards *(continued)*

Thomas No.	Description	Sizes	Pkg
C748B28	Conductivity Standard, 6667 uS/cm	1 L	Poly Bottle
C748B29	Conductivity Standard, 7000 uS/cm	500 mL	Poly Bottle
C748B30	Conductivity Standard, 7000 uS/cm	1 L	Poly Bottle
C748B31	Conductivity Standard, 8974 uS/cm	500 mL	Poly Bottle
C748B32	Conductivity Standard, 12,856 uS/cm	1 L	Poly Bottle

Thomas No.	Description	Sizes	Pkg
C748B33	Conductivity Standard, 12,880 uS/cm	1 L	Poly Bottle
C748B34	Conductivity Standard, 14,000 uS/cm	1 L	Poly Bottle
C748B35	Conductivity Standard, 14,000 uS/cm	4 L	Poly Bottle
C748B36	Conductivity Standard, 15,000 uS/cm	500 mL	Poly Bottle
C748B37	Conductivity Standard, 16,630 uS/cm	1 L	Poly Bottle

## Solutions

In order to provide quality solutions for a variety of applications, Thomas Scientific offers an assortment of chemicals, concentrations, and sizes to meet your needs.

### Calcium Chloride (CaCl<sub>2</sub>)

Thomas No.	Description	Sizes	Pkg
C748B75	Calcium Chloride, 2.75% (w/v)	1 L	Poly Bottle

### Fehling's Solution

Thomas No.	Description	Sizes	Pkg
C748B83	Fehling's Solution A	1 L	Poly Bottle
C748B84	Fehling's Solution A	4 L	Poly Bottle
C748B85	Fehling's Solution B, UN1824	1 L	Poly Bottle
C748B86	Fehling's Solution B, UN1824	4 L	Poly Bottle

### Ferric Chloride (FeCl<sub>3</sub>)

Thomas No.	Description	Sizes	Pkg
C748B87	Ferric Chloride, 0.025% (w/v)	1L	Poly Bottle



## Universal Spill Kit

**Thomas No. 1142W06**  
safeForce Universal Spill Kit, 1 Gallon

**Spill Kit Contents:**

- Five gallon UN1H2 disposal bucket
- 2 - 3lb. containers Amphomag® Universal Spill Neutralizer with pH Indicator
- 1 Disposal scoop and brush
- 1 pair of Chemical Splash Goggles
- 1 pair of Nitrile gloves
- 1 Apron
- 2 Six mil disposal bags
- Safety Data Sheet (SDS) Amphomag®

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**Solutions** *(continued)*

**Potassium Hydroxide (KOH)**

Thomas No.	Description	Sizes	Pkg
C748B88	KOH in Meth, 0.50N, UN2924	1 L	Poly Bottle
C748B89	KOH in Meth, 0.50N, UN2924	4 L	Poly Bottle
C748B90	KOH in Meth, 0.50N, UN2924	20 L	Winpak
C748B91	KOH in Meth, 0.50N, UN2924	20 L	Cubitainer



**Silver Nitrate (AgNO<sub>3</sub>)**

Thomas No.	Description	Sizes	Pkg
C748D15	Silver Nitrate, 0.0141N	500 mL	Amber Glass Bottle
C748D16	Silver Nitrate, 0.0141N	1 L	Amber Glass Bottle
C748D17	Silver Nitrate, 0.0141N	4 L	Amber Glass Bottle
C748D18	Silver Nitrate, 0.0171N	500 mL	Amber Glass Bottle
C748D19	Silver Nitrate, 0.0171N	1 L	Amber Glass Bottle
C748D20	Silver Nitrate, 0.0171N	4 L	Amber Glass Bottle
C748D21	Silver Nitrate, 0.0282N	1 L	Amber Glass Bottle
C748D22	Silver Nitrate, 0.0282N	4 L	Amber Glass Bottle
C748B99	Silver Nitrate, 0.10N	500 mL	Amber Glass Bottle
C748C00	Silver Nitrate, 0.10N	1 L	Amber Glass Bottle
C748C01	Silver Nitrate, 0.10N	4 L	Cubitainer
C748C02	Silver Nitrate, 0.10N	4 L	Amber Glass Bottle
C748C03	Silver Nitrate, 0.10N	10 L	Cubitainer
C748C04	Silver Nitrate, 0.10N	20 L	Cubitainer
C748C05	Silver Nitrate, 0.171N	1 L	Amber Glass Bottle

**Potassium Iodide (KI) Iodate**

Thomas No.	Description	Sizes	Pkg
C748D00	KI Iodate, 0.0079N	500 mL	Amber Glass Bottle
C748D01	KI Iodate, 0.0079N	1 L	Amber Glass Bottle
C748D02	KI Iodate, 0.0079N	4 L	Amber Glass Bottle
C748B95	KI Iodate, 0.0125N	500 mL	Amber Glass Bottle
C748B96	KI Iodate, 0.0125N	1 L	Amber Glass Bottle
C748B97	KI Iodate, 0.0125N	4 L	Amber Glass Bottle
C748B98	KI Iodate, 0.0125N	20 L	Cubitainer
C748D03	KI Iodate, 0.0158N	1L	Amber Glass Bottle
C748D04	KI Iodate, 0.0158N	4 L	Amber Glass Bottle
C748D05	KI Iodate, 0.025N	500 mL	Amber Glass Bottle
C748D06	KI Iodate, 0.025N	1 L	Amber Glass Bottle
C748D07	KI Iodate, 0.025N	4 L	Amber Glass Bottle

**Potassium Iodide (KI)**

Thomas No.	Description	Sizes	Pkg
C748B93	KI, 1.0N	4 L	Amber Glass Bottle
C748B92	KI, 1.0N	10 L	Cubitainer
C748B94	KI, 1.0N	20 L	Cubitainer
C748C98	KI, 50% w/v	500 mL	Amber Glass Bottle
C748C99	KI, 50% w/v	1 L	Amber Glass Bottle



**Solutions** *(continued)*

**Sodium Hydroxide (NaOH)**

Thomas No.	Description	Sizes	Pkg
C748C43	Sodium Hydroxide, 0.010N	1 L	Poly Bottle
C748C44	Sodium Hydroxide, 0.010N	4 L	Poly Bottle
C748C45	Sodium Hydroxide, 0.010N	20 L	Cubitainer
C748C46	Sodium Hydroxide, 0.020N	1 L	Poly Bottle
C748C47	Sodium Hydroxide, 0.020N	4 L	Poly Bottle
C748C48	Sodium Hydroxide, 0.020N	10 L	Cubitainer
C748C49	Sodium Hydroxide, 0.020N	20 L	Cubitainer
C748C37	Sodium Hydroxide, 0.10N	500 mL	Poly Bottle
C748C38	Sodium Hydroxide, 0.10N	1 L	Poly Bottle
C748C39	Sodium Hydroxide, 0.10N	4 L	Poly Bottle
C748C40	Sodium Hydroxide, 0.10N	4 L	Cubitainer
C748C41	Sodium Hydroxide, 0.10N	10 L	Cubitainer
C748C42	Sodium Hydroxide, 0.10N	20 L	Cubitainer
C748C55	Sodium Hydroxide, 1.0N, UN1824	500 mL	Poly Bottle
C748C56	Sodium Hydroxide, 1.0N, UN1824	1 L	Poly Bottle
C748C57	Sodium Hydroxide, 1.0N, UN1824	4 L	Poly Bottle
C748C58	Sodium Hydroxide, 1.0N, UN1824	10 L	Cubitainer
C748C59	Sodium Hydroxide, 1.0N, UN1824	20 L	Cubitainer
C748D27	Sodium Hydroxide, 5.0N, UN1824	1 L	Poly Bottle
C748D28	Sodium Hydroxide, 5.0N, UN1824	4 L	Poly Bottle
C748D29	Sodium Hydroxide, 5.0N, UN1824	20 L	Cubitainer



Thomas No.	Description	Sizes	Pkg
C748D30	Sodium Hydroxide, 6.0N, UN1824	500 mL	Poly Bottle
C748D31	Sodium Hydroxide, 6.0N, UN1824	1 L	Poly Bottle
C748D32	Sodium Hydroxide, 6.0N, UN1824	4 L	Poly Bottle
C748D33	Sodium Hydroxide, 6.0N, UN1824	10 L	Cubitainer
C748D24	Sodium Hydroxide, 10.0N, UN1824	500 mL	Poly Bottle
C748D25	Sodium Hydroxide, 10.0N, UN1824	1 L	Poly Bottle
C748D26	Sodium Hydroxide, 10.0N, UN1824	4 L	Poly Bottle

**Sodium Thiosulfate (Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>)**

Thomas No.	Description	Sizes	Pkg
C748D49	Sodium Thiosulfate, 0.00387N	500 mL	Poly Bottle
C748D11	Sodium Thiosulfate, 0.010N	500 mL	Poly Bottle
C748D08	Sodium Thiosulfate, 0.010N	1 L	Amber Glass Bottle
C748D09	Sodium Thiosulfate, 0.010N	2.5 L	Safety Coated Glass Bottle
C748D12	Sodium Thiosulfate, 0.010N	4 L	Poly Bottle
C748D13	Sodium Thiosulfate, 0.010N	4 L	Amber Glass Bottle
C748D10	Sodium Thiosulfate, 0.010N	10 L	Cubitainer
C748C60	Sodium Thiosulfate, 0.025N	500 mL	Poly Bottle
C748C61	Sodium Thiosulfate, 0.025N	1 L	Poly Bottle
C748C62	Sodium Thiosulfate, 0.025N	4 L	Poly Bottle
C748D44	Sodium Thiosulfate 2.0N (2M)	1 L	Poly Bottle
C748D23	Sodium Thiosulfate, 0.0365N	500 mL	Poly Bottle
C748D48	Sodium Thiosulfate, 0.0375N	1 L	Poly Bottle
C748C63	Sodium Thiosulfate, 0.10N	500 mL	Amber Glass Bottle
C748C64	Sodium Thiosulfate, 0.10N	1 L	Amber Glass Bottle
C748C65	Sodium Thiosulfate, 0.10N	2.5 L	Safety Coated Glass Bottle
C748C66	Sodium Thiosulfate, 0.10N	4 L	Poly Bottle
C748C67	Sodium Thiosulfate, 0.10N	4 L	Amber Glass Bottle
C748C68	Sodium Thiosulfate, 0.10N	4 L	Cubitainer
C748C69	Sodium Thiosulfate, 0.10N	10 L	Cubitainer
C748C70	Sodium Thiosulfate, 0.10N	20 L	Cubitainer
C748D43	Sodium Thiosulfate, 1.0N	4 L	Poly Bottle

**Desiccants**

Desiccants are commonly used to generate and maintain dry air by absorbing the moisture present. We offer different kinds of desiccants from many different suppliers to meet every lab's specific requirements. Ask us or visit [thomassci.com](http://thomassci.com) to find more options.

Thomas No.	Description	Sizes	Pkg
C049U90	Ascarite II CO <sub>2</sub> Absorbent, 20-30 Mesh	500 G	Poly Bottle
C049U97	Ascarite II CO <sub>2</sub> Absorbent, 20-30 Mesh	50 KG	Drum
C049H40	Ascarite II CO <sub>2</sub> Absorbent, 8-20 Mesh	500 G	Poly Bottle
C049H65	Ascarite II CO <sub>2</sub> Absorbent, 8-20 Mesh	50 KG	Drum
C839Q28	Ascarite II CO <sub>2</sub> Absorbent, 4-10 Mesh	500 G	Poly Bottle
C049F55	Ascarite II CO <sub>2</sub> Absorbent, 4-10 Mesh	50 KG	Drum



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## Alcohol

Because Isopropyl Alcohol is a critical component to most facilities, we offer a wide variety of sizes and grades.

### Isopropanol

Thomas No.	Description	Sizes	Pkg
C748B44	Isopropanol, 99%, Purified, UN1219	500 mL	Poly Bottle
C748B46	Isopropanol, 99%, Purified, UN1219	1 L	Poly Bottle
C748B45	Isopropanol, 99%, Purified, UN1219	4 L	Poly Bottle
C748B47	Isopropanol, 99%, Purified, UN1219	20 L	Metal Can
C748B48	Isopropanol, 99%, Purified, UN1219	20 L	Winpak

### Isopropyl Alcohol ACS Grade

Thomas No.	Description	Sizes	Pkg
C748B38	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	1 L	Amber Glass Bottle
C748B39	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	4 L	Poly Bottle
C748B40	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	4 L	Amber Glass Bottle
C748B41	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	10 L	Metal Can
C748B42	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	20 L	Metal Can
C748B43	Isopropyl Alcohol ACS Grade, 99.5%, UN1219	20 L	Cubitainer



## Packaging Types



**Amber Glass Bottles**



**Poly Bottles**



**Safety Coated Glass Bottle**



**Metal Cans**



**Cubitainers**



**Winpak and Hedpak**

