

Chemicals

# Stockroom essentials

High quality organics,  
inorganics and fine chemicals

# Stockroom essentials

Thermo Scientific brand supports research, development, and product activities through a broad range of off-the-shelf products and expertise in sourcing, manufacturing, and technology partnerships.

We strive to continuously expand the product range and services to meet today's requirements for all chemical disciplines, material sciences and biotechnology. Listed below are essential products to build a stockroom that will be the base for research, development and great results.

## Acids and bases

| VWR Cat. No. | Description                                                    | Available Sizes                         |
|--------------|----------------------------------------------------------------|-----------------------------------------|
| ACRO13371    | Ammonia, ca. 7N solution in methanol                           | 25 mL, 1 L, 2.5 L, 25 L                 |
| ACRO38836    | Hydrogen chloride, 4N solution in 1,4-dioxane, AcroSeal™       | 100 mL, 800 mL                          |
| ACRO12466    | Nitric acid, for analysis, ca. 65% solution in water           | 500 mL, 1 L, 2.5 L, 25 L                |
| ACRO41997    | Sulfuric acid, extra pure, fuming, 20-30% free SO <sub>3</sub> | 25 g, 500 g, 2.5 kg                     |
| ACRO15791    | Triethylamine, 99%, pure                                       | 5 mL, 100 mL, 1 L, 2.5 L, 10 L,         |
| ACRO13972    | Trifluoroacetic acid, 99%, extra pure                          | 25 g, 100 g, 500 g, 1 kg, 2.5 kg, 10 kg |

## Chromatography

| VWR Cat. No. | Description                                                               | Available Sizes          |
|--------------|---------------------------------------------------------------------------|--------------------------|
| ACRO36668    | Aluminium oxide, for chromatography, neutral, Brockmann I, 50-200 µm, 60A | 1 kg, 2.5 kg, 25 kg      |
| ACRO20301    | Dowex™ 1X8, 200-400 mesh, ion-exchange resin                              | 100 g, 500 g, 2.5 kg     |
| ACRO20545    | Florisil™, 60-100 mesh, for column chromatography                         | 250 g, 500 g, 1 kg, 5 kg |
| ACRO24037    | Silica gel, for chromatography, 0.060-0.200 mm, 60 A                      | 1 kg, 5 kg, 30 kg        |
| ACRO36005    | Silica gel, for column chrom., ultra pure, 40-60 µm, 60A                  | 1 kg, 5 kg, 30 kg        |

## Dry agents

| VWR Cat. No. | Description                                                                | Available Sizes    |
|--------------|----------------------------------------------------------------------------|--------------------|
| ACRO19679    | Calcium hydride, ca. 93%, extra pure, 0-20 mm grain size, up to 15% powder | 100 g, 500 g       |
| ACRO35001    | Drierite™, with indicator, 10-20 mesh                                      | 500 g, 2 kg, 10 kg |
| ACRO19725    | Molecular sieves 3A, 8 to 12 mesh                                          | 500 g, 5 kg, 25 kg |
| ACRO19727    | Molecular sieves 4A, 8 to 12 mesh                                          | 500 g, 5 kg, 25 kg |

## General laboratory ancillaries

| VWR Cat. No. | Description                                    | Available Sizes                        |
|--------------|------------------------------------------------|----------------------------------------|
| ACRO13434    | Activated charcoal, NORIT® A SUPRA             | 250 g, 1 kg                            |
| ACRO34967    | Celite™ 545                                    | 2.5 kg, 10 kg, 500 g                   |
| ACRO38606    | Glass wool                                     | 50 g, 250 g, 1 kg                      |
| ALFA35644    | Hydrochloric acid, 0.1N standardized solution  | 1 L, 4 L, 20 L                         |
| ACRO37094    | Sand, pure, 40-100 mesh                        | 250 g, 1 kg, 5 kg, 25 kg               |
| ALFA35629    | Sodium hydroxide, 1.0N standardized solution   | 1 L, 2.5 L, 4 L, 5 L, 10 L, 20 L, 25 L |
| ALFA35645    | Sodium thiosulfate, 0.1N standardized solution | 1 L, 4 L, 20 L                         |

## Inorganics

| VWR Cat. No. | Description                                                | Available Sizes                     |
|--------------|------------------------------------------------------------|-------------------------------------|
| ALFA12839    | Lithium sulfide, 99.9% (metals basis)                      | 2 g, 10 g, 50 g, 250 g              |
| ALFA10516    | Palladium(II) acetate, Pd 45.9-48.4%                       | 1 g, 5 g, 25 g                      |
| ALFA00248    | Phosphorus lump, red, Puratronic™, 99.999+% (metals basis) | 1 g, 10 g, 50 g                     |
| ALFA11414    | Silver nitrate, ACS, 99.9+% (metals basis)                 | 5 g, 25 g, 100 g, 500 g, *6 × 500 g |
| ALFA11417    | Silver sulfate, ACS, 98% min                               | 25 g, 100 g                         |
| ALFA13798    | Sodium metaperiodate, 98%                                  | 10 g, 100 g, 500 g, 2 kg            |

## Reagents

| VWR Cat. No. | Description                                                               | Available Sizes                       |
|--------------|---------------------------------------------------------------------------|---------------------------------------|
| ACRO20108    | Diisobutylaluminium hydride, 1.2M (20 wt%) solution in toluene, AcroSeal™ | 100 mL, 400 mL, 800 mL                |
| ACRO20246    | Hydrogen peroxide, for analysis, 35 wt.% solution in water, stabilized    | 500 mL, 1 L, 2.5 L, 10 L, 25 mL, 25 L |
| ALFAB22202   | Hydroxylamine, 50% aq. soln.                                              | 100 mL, 500 mL                        |
| ACRO36784    | N,N-Diisopropylethylamine, 99.5+%                                         | 25 mL, 50 mL, 100 mL, 1 L, 2.5 L      |
| ALFA15922    | N-Bromosuccinimide, 99%                                                   | 1000 g, 5000 g, 250 g                 |
| ACRO18930    | Sodium borohydride, 98+%, powder                                          | 5 g, 10 g, 100 g, 500 g, 2.5 kg       |
| ALFA36430    | Sodium tetraphenylborate, ACS, 99.5% min                                  | 2 g, 10 g, 50 g                       |

## Salts

| VWR Cat. No. | Description                                         | Available Sizes                 |
|--------------|-----------------------------------------------------|---------------------------------|
| ALFA11668    | Ammonium iodide, ACS, 99.0% min                     | 100 g, 500 g                    |
| ACRO20587    | Ammonium sulfate, 99.5%, for analysis               | 250 g, 1 kg, 5 kg, 25 kg        |
| ACRO19337    | Lithium chloride, 99%, extra pure                   | 5 g, 1 kg                       |
| ALFA14540    | Lithium chloride, ultra dry, 99.9% (metals basis)   | 10 g, 50 g, 250 g               |
| ACRO20639    | Potassium bromide, 99+%, for spectroscopy, IR grade | 25 g, 100 g, 500 g              |
| ALFA14130    | Potassium fluoride, anhydrous, 99%                  | 50 g, 250 g, 1 kg               |
| ACRO19038    | Sodium azide, 99%, extra pure                       | 5 g, 100 g, 500 g, 2.5 kg       |
| ACRO20779    | Sodium chloride, 99.5%, for analysis                | 1 kg, 5 kg, 25 kg               |
| ACRO19664    | Sodium sulfate, 99%, extra pure, anhydrous          | 25 g, 1 kg, 2.5 kg, 5 kg, 25 kg |

## Solvents

| VWR Cat. No. | Description                                                                   | Available Sizes               |
|--------------|-------------------------------------------------------------------------------|-------------------------------|
| ACRO32689    | 1,4-Dioxane, 99.8%, Extra Dry, stabilized, AcroSeal™                          | 100 mL, 1 L, 2.5 L            |
| ACRO32680    | Acetone, 99.8%, Extra Dry, AcroSeal™                                          | 100 mL, 1 L                   |
| ACRO34846    | Dichloromethane, 99.8%, Extra Dry over Molecular Sieve, Stabilized, AcroSeal™ | 100 mL, 500 mL, 1 L, 2.5 L    |
| ALFAA16305   | Di-n-butyl ether, 99%                                                         | 500 mL, 2500 mL               |
| ACRO34843    | N,N-Dimethylformamide, 99.8%, Extra Dry over Molecular Sieve, AcroSeal™       | 100 mL, 500 mL, 1 L, 2.5 L    |
| ACRO16078    | n-Hexane, 99+%, for analysis                                                  | 1 L, 2.5 L, 25 L              |
| ACRO34845    | Tetrahydrofuran, 99.5%, Extra Dry over Molecular Sieve, Stabilized, AcroSeal™ | 100 mL, 500 mL, 1 L, 2.5 L    |
| ACRO17685    | Toluene, 99.8+%, for analysis                                                 | 500 mL, 1 L, 2.5 L, 5 L, 25 L |
| ALFA19401    | Trichloroethylene, ACS, 99.5% min, stab.                                      | 500 mL, 1 L, 4 L, *4 × 1 L    |

## Biotechnology

| VWR Cat. No. | Description                                                              | Available Sizes                 |
|--------------|--------------------------------------------------------------------------|---------------------------------|
| ALFAA16092   | BES, 99%                                                                 | 25 g, 100 g, 500 g              |
| ALFAA16828   | D-(+)-Glucose anhydrous, 99%                                             | 500 g, 2.5 kg, 10 kg            |
| ALFAJ63606   | Dextran sulfate sodium salt, MW ca 40,000                                | 25 g, 100 g                     |
| ALFAJ62931   | Ethidium bromide de-staining bags, with activation soln.                 | 25 units                        |
| ALFAA13543   | Guanidine hydrochloride, 98%                                             | 250 g, 1 kg, 5 kg               |
| ALFAJ60712   | HEPES, 1.0M buffer solution, pH 7.5                                      | 250 mL, 500 mL                  |
| ALFAJ62623   | HEPES-buffered saline, pH 7.0 (2X for transfection)                      | 250 mL, 500 mL                  |
| ALFAA12914   | MOPS, 99%                                                                | 25 g, 100 g, 500 g              |
| ALFAJ61899   | Paraformaldehyde, 4% in PBS                                              | 250 mL, 500 mL                  |
| ALFAJ62036   | Phosphate-buffered saline (PBS, 10X), pH 7.4                             | 1 L, 2 L, 4 L                   |
| ALFAJ61196   | Phosphate-buffered saline (PBS, 1X), sterile-filtered                    | 500 mL                          |
| ALFAA11183   | Sodium n-dodecyl sulfate, 99% (dry wt.), water <1.5%                     | 25 g, 50 g, 100 g, 250 g, 500 g |
| ALFAJ60316   | Tris(2-carboxyethyl)phosphinehydrochloride, 98%, molecular biology grade | 2 g, 5 g, 10 g                  |
| ALFAJ62938   | TRIS-buffered saline (TBS, 10X) pH 7.4, for Western blot                 | 1 L, 2 L, 4 L                   |

**avantor**  
delivered by **VWR**

VWR.COM

Prices, product, and/or services details are current when published and subject to change without notice. | Certain products or services may be limited by country, federal, state, provincial, or local regulations. | VWR, part of Avantor, makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC and/or Avantor, Inc. or affiliates. Offers valid in countries listed above, void where prohibited by law or company policy, while supplies last. | Trademarks are owned by Avantor, Inc. or its affiliates, unless otherwise noted. | Visit [vwr.com](https://www.vwr.com) to view our privacy policy, trademark owners, and additional disclaimers. © 2022 Avantor, Inc. All rights reserved.

Order our products online  
**[vwr.com](https://www.vwr.com)**