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Chemicals

# Laboratory essentials

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Within the Thermo Scientific life science lab essentials portfolio, researchers have a great choice of products with different specifications. We offer products that can be used as high quality ingredients in the formulation of solutions, buffers, media and gels for various stages of many life science workflows.

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## Antibiotics and bioactives

Fisher Scientific Cat. No.	Product Description	Size
AC29494	Actinomycin D, 93%	1 mg, 5 mg, 25 mg, 100 mg
AAJ60727	Bleomycin sulfate	10 mg, 100 mg
AAJ61949	Carbenicillin disodium salt	1 g, 5 g, 25 g
AAJ67273	Chloramphenicol, 10 mg/ml in ethanol, sterile-filtered	10 mL, 25 mL
AC35742	Cycloheximide, 95%	1 g, 5 g, 25 g
AC22848	D-Cycloserine, 98%	1 g, 5 g, 25 g
AC23030	Dexamethasone, 96%	250 mg, 1 g, 5 g
AC44606	Doxycycline Hyclate, 97%	5 g, 25 g, 100 g
AAJ60422	Doxycycline hydrochloride	1 g, 5 g, 25 g
AAJ60668	Kanamycin monosulfate	1 g, 5 g, 10 g
AAJ62473	Rapamycin, 99+%	50 mg, 100 mg, 200 mg
AC13285	Sulfanilamide, 98%	100 g, 500 g, 2.5 kg
AAJ62790	Vancomycin hydrochloride	1 g, 5 g
AAJ67140	Zeocin, 100 mg/ml in HEPES, sterile-filtered	1 mL, 5 × 1 mL

## Staining reagents

Fisher Scientific Cat. No.	Product Description	Size
AC22790	Acid Fuchsin, pure, high purity biological stain	25 g, 100 g, 500 g
AC22960	Brilliant Green, High Purity Biological Stain	100 g, 500 g
AAJ60823	Methylene Blue trihydrate	25 g, 100 g, 250 g
AAJ60744	Ponceau S, Electrophoresis Grade	10 g, 50 g, 250 g

## Sugars and polysaccharides

Fisher Scientific Cat. No.	Product Description	Size
AC17777	Alginic acid, sodium salt	5g, 250g, 500g, 2.5kg
AAJ60687	Alpha-Cyclodextrin, 97+%	5g, 25g, 100g
AC16135	D(-)-Fructose, 99%	500g, 1kg, 2.5kg, 10kg
AAA12813	D-(+)-Galactose, 98%	50g, 250g, 1000g
AC45074	D(+)-Glucose Monohydrate, Extra Pure	1kg, 5kg, 25kg
AAJ18185	D-(+)-Lactose monohydrate	5kg
AC15060	D(+)-Mannose, 99+%	25g, 100g, 1kg, 2.5kg
AC17714	D(+)-Sucrose, 99.7%	250g, 1kg, 5kg, 25kg
AC18255	D(+)-Trehalose dihydrate, 99%	25g, 100g, 500g, 2.5kg
AAJ21060	D-(+)-Raffinose pentahydrate, Thermo Scientific	100g, 500g, 1kg
AAJ63606	Dextran sulfate sodium salt, MW ca 40,000	25g, 100g
AC12534	D-Mannitol, 98+%	100g, 500g, 1kg, 2.5kg, 5kg
AC30987	D-Trehalose, 99%, anhydrous	25g, 100g, 500g
AC24192	L(-)-Glucose, 98%	250mg, 1g, 5g, 25g

## Solvents and additives

Fisher Scientific Cat. No.	Product Description	Size
AAJ67241	Chloroform	500 mL, 1 L, 2.5 L
AC35480	Dichloromethane, 99.9%, Stabilized With Amylene	2.5 L, 10 L
AAJ66650	Dimethyl sulfoxide, Bioreagent	50 mL, 100 mL, 250 mL, 500 mL, 1 L
AC32723	Formamide, 99%, DNase, RNase and Protease free	500 mL, 2.5 L
AC32710	Phenol water saturated solution, DNase, RNase and protease free	500 mL
AC18078	Phenol, 99+%, loose crystals	100 g, 500 g
AC32711	Phenol/Chloroform/Isoamyl alcohol (25:24:1), stabilized, saturated with 100 mM Tris-EDTA, DNase, RNase, Protease free, pH 7.8-8.2	100 mL, 500 mL ml, 2.5 mL L
AAJ61899	Paraformaldehyde, 4% in PBS	250 mL, 500 mL
AAJ19943	Paraformaldehyde solution, 4% in PBS	1 L
AC32712	Phenol/TRIS saturated solution	500 mL
AAJ62417	Polyvinylpyrrolidone, M.W. 40,000	100 g, 500 g, 1 kg
AC29381	Trifluoroacetic acid, 99.5%	25 mL, 100 mL, 250 mL, 1 L, 2.5 L

## Buffers and detergents

Fisher Scientific Cat. No.	Product Description	Size
AC32767	ACES, 99+%	100 g, 250 g, 1 kg
AAJ11254	Ammonium sulfate, ACS, 99+%, Ultrapure	1 kg, 5 kg
AAA16092	BES, 99%	25 g, 100 g, 500 g
AAA14957	BICINE, 99%	50 g, 250 g, 1000 g
AAJ12112	Bis-Tris, 98+% (dry basis), Ultrapure, Thermo Scientific	100 g, 500 g, 1 kg
AAA17037	CAPS, 99%	25 g, 100 g, 500 g
J67359	CHAPS, Electrophoresis grade	5 g, 10 g, 25 g
AAJ13410	Choline chloride, 98+% (dry basis)	5 lb, 10 kg
AC23042	Dodecyl sulfate, sodium salt, 99%	10 g, 25 g, 100 g, 500 g, 2.5 kg
AC32726	HEPES sodium salt, 99+%, DNase, RNase and Protease free	100 g, 500 g
AC17257	HEPES, 99%	25 g, 100 g, 250 g, 1 kg, 5 kg
AAJ63496	Imidazole, 0.5M buffer soln., pH 7.5	100 mL, 250 mL
AAJ67795	Krebs-Ringer Solution, HEPES-buffered	500 mL, 1 L
AAJ60660	Laemmli SDS sample buffer	25 mL, 50 mL
AC17259	MES hydrate, 99+%	25 g, 100 g, 500 g, 2.5 kg
AAA12914	MOPS, 99%	25 g, 100 g, 500 g
AAJ62851	Phosphate-buffered saline (PBS, 10X), RNase free	250 mL, 500 mL
AC17261	PIPES, 98.5+%	25 g, 100 g, 500 g, 2.5 kg
AAJ61928	Sodium acetate, 3M aq. soln.	100 mL, 125 mL, 250 mL
AAJ60434	Sodium chloride, 5M aq. soln.	100 mL, 125 mL, 250 mL
AAJ18220	Sodium dodecyl sulfate (SDS), 95+%	500 g, 1 kg, 5 kg
AAJ77504	Sodium dodecylsulfate, 10% solution, Ultrapure, Thermo Scientific	100 mL, 500 mL, 1 L
AAJ60825	Sodium phosphate, 0.5M buffer	250 mL, 500 mL
AAA15583	Sucrose, 99% 2.5KG	500 g, 2500 g, 10000 g
AAJ75793	TE Buffer, 1X Solution pH 8.0, low EDTA, Molecular Biology Grade	100 mL, 500 mL
AC20751	TES, 99%	25 g, 100 g
AAJ64437	Tricine, Electrophoresis grade, 99%	100 g, 500 g
AC32734	TRIS EDTA buffer, DNase, RNase, protease free ready to use, PH 8.0	500 mL
AAJ60316	Tris(2-carboxyethyl)phosphinehydrochloride, 98%	2 g, 5 g, 10 g
AC16762	Tris(hydroxymethyl)aminomethane, 99.8%, for analysis	100 g, 1 kg, 5 kg
AAJ61038	TRIS, 1.0M buffer soln., pH 8.	500 mL
AAJ60497	TRIS-buffered saline (TBS, 20X), with 2% Tween 20	1 L, 2 L
AAJ61006	TRIS-glycine-SDS running buffer	1 L, 2 L, 4 L
AC42236	Triton X-114	500 mL, 2.5 L
AC32737	Triton X-100, 98% DNase, RNase and protease free	100 mL, 250 mL
AAJ63596	Tween 20 washing buffer, 0.5%in PBS (10X)	500 mL, 1 L, 2 L
AC32739	Water, DNase, RNase and protease free	1 L, 5 L

## Core life science reagents

Fisher Scientific Cat. No.	Product Description	Size
AC14893	Acetic Acid	1 L, 2.5 L, 10 L
AC16483	Acrylamide, 98.5%, extra pure	500 g, 2.5 kg, 10 kg
AAJ60868	Acrylamide/Bisacrylamide Solution (40%, 37.5:1)	500 mL, 1 L
AAL14522	Adenosine-5'-triphosphate disodium salt hydrate, 99%, water <10%	1 g, 5 g
AC32811	AEBSF Hydrochloride, 98%	50 mg, 1 g
AC44357	Agar, Bacteriological Grade	250 g, 1 kg, 5 kg
AAJ75817	Agarose - Separation  > 500 bp, Genetic Performance Certified, Molecular Biology Grade, Ultrapure	100 g, 250 g, 500 g
AAJ32802	Agarose LE, Molecular Biology Grade, Ultrapure	25 g, 100 g, 250 g, 500 g, 1 kg
AC10502	L(+)-Ascorbic acid, 99%	100 g, 500 g, 2.5 kg
AC10504	L(+)-Aspartic acid, 98+%	100 g, 500 g, 2.5 kg, 10 kg
AAJ63279	BioAcryl-P (30%, 29:1)	500 mL, 1 L
AAB20061	Deoxycholic acid, 99% 25G	25 g, 100 g, 500 g
AAJ14489	Dextran sulfate sodium salt	10 g, 50 g, 100 g
AC17166	Dithioerythritol, 99+%	1 g, 5 g, 25 g
AC32719	DL-1,4-Dithiothreitol, 99+%, DNase, RNase and protease free	1 g, 10 g, 50 g
AC11843	Ethylenediaminetetraacetic acid, 99%, pure	250 g, 1 kg, 5 kg
AC32022	L(-)-Glutathione, oxidized, 98%	500 mg, 5 g
AAJ62166	L-Glutathione, reduced, 98+%	5 g, 25 g, 100 g
AC32725	Glycerol, 99.5%, DNase, RNase and protease	500 mL
AC12007	Glycine, 98%, extra pure	250 g, 1 kg, 5 kg, 25 kg
AAA13543	Guanidine hydrochloride, 98%	250 g, 1000 g, 5000 g
AC43394	Guanidine thiocyanate, 99%	100 g
AC12547	2-Mercaptoethanol, 99%, pure	10 mL, 250 mL, 1 L, 2.5 L
AA31911	Mineral oil	1 kg, 5 x 1 kg
AC32874	NADPH tetrasodium salt hydrate, 96%, extra pure	250 mg, 1 g
AAJ60026	Peroxidase, Horseradish	100 mg, 1 g
AA21574	Phenylmethanesulfonyl fluoride, 99%	1 g, 5 g, 10 g, 50 g
AA33415	Polysorbate 85	25 mL, 250 mL, 1 L, 2.5 L
AC32730	Sodium Chloride, 99.85%, DNase, RNase and Protease free	1 kg, 2.5 kg
AC36946	Sodium Glycocholate Hydrate, 98%	5 g, 25 g
AAA19096	Spermidine, 99%	1 g, 5 g, 25 g, 100 g
AC13785	L(+)-Tartaric acid, 99+%	500 g, 2.5 kg, 10 kg
AC13891	Thiourea, 99%, extra pure	500 g, 1 kg, 5 kg, 25 kg,
AC32738	Urea, 99.5%, DNase, RNase and Protease free	1 kg, 5 kg
AAJ60287	Yeast Extract	500 g, 1 kg, 5 kg
AAJ75889	PBS, 10X Solution, pH 7.4, Molecular Biology Grade, Ultrapure	100 mL, 1 L, 5 L





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