

J.T.Baker® Brand

LC/MS AND HPLC SOLVENTS AND REAGENTS

J.T.Baker® high-purity solvents and reagents will give you the performance you need with minimal risk of contaminants, while maximizing the sensitivity and detecting power of your instrumentation.

J.T.Baker® chromatography solvents, which support virtually every form of chromatography in common use today, are application-optimized and function tested to enhance separation power and reproducibility.

LC/MS Solvents, Solvent Blends and Acids

J.T.Baker® high-purity solvents and reagents are ideal for routine LC/MS applications. (For more cutting-edge applications, ask your sales representative about J.T.Baker® brand ULTRA LC/MS solvents and reagents.)

J.T.Baker® LC/MS solvents and blends are function-tested and optimized for minimal impurities and interference-free baselines, giving you performance you can trust in the mobile phase — every time.

J.T.Baker® LC/MS solvents are tested for ESI+, UV-VIS absorbance, trace metals, residue after evaporation, assay and overall LC/MS suitability.



J.T.Baker® LC/MS Products

Description	Avantor Part Number	Fisher Scientific Cat. No.
Acetonitrile	9829-03	02002174
Acetonitrile - 0.1% Formic Acid	9832-03	02002075
Acetonitrile - 0.1% Trifluoroacetic Acid	9835-03	02002170
Ethyl Acetate	9828-03	02002840
Methanol	9830-03	02003341
Water - 0.1% Formic Acid	9834-03	02004568
Water - 0.05% Trifluoroacetic Acid	9839-03	02004564
Water - 0.1% Trifluoroacetic Acid	9836-03	02004570

Multiple package sizes are available. Contact your sales representative for details.

HPLC Solvents and Reagents

J.T.Baker® HPLC solvents maximize throughput and ease-of-use without sacrificing efficiency or reproducibility, and help you get optimum performance from sensitive instrumentation.

- Low backgrounds free of extraneous peaks
- Low UV absorbance in critical ranges — assured through UV absorbance testing at a variety of points and through gradient elution testing
- Fluorescence testing for trace impurities, which would cause interference
- Function-tested for: assay, water, minimal residue after evaporation and UV absorbance and fluorescence in critical ranges
- Lot -to-lot consistency
- Innovative packaging options to assure solvent quality to the point-of-use



J.T.Baker® BAKER ANALYZED™ HPLC Solvents

Description	Avantor Product Number	Fisher Scientific Cat. No.
Acetone	9002-03	02002149
Acetone, Low Water	9003-03	02002168
Acetonitrile	9012-03	02002180
Acetonitrile, Ultra Gradient Grade	9017-03	14650359
Chloroform (Hydrocarbon Stabilized)	9174-03	02002593
Chloroform (Ethanol Stabilized)	9175-03	14650209
Cyclohexane	9292-03	02002676
o-Dichlorobenzene	9233-03	02003564
Ether, Anhydrous	9237-03	02002818
Ethyl Acetate	9282-03	02002837
n-Heptane	9177-03	02002981
Hexanes (95% n-Hexane)	9304-03	02002995
Methanol	9093-03	02004653
Methyl tert-Butyl Ether	9042-03	02003385
Methylene Chloride	9315-03	02003400
Methyl Ethyl Ketone	9214-03	02003445
Pentane	9331-03	02003536
2-Propanol	9095-03	02002094
Pyridine, Low Water	9393-03	02003865
Tetrahydrofuran	9441-03	02004418
Tetrahydrofuran (Stabilized)	9440-03	02004427
Tetrahydrofuran, Low Water	9439-03	02004426
1,2,4-Trichlorobenzene	9444-05	02002006
2,2,4-Trimethylpentane	9480-03	02002062
Water	4218-03	14650357

Multiple package sizes are available. Contact your sales representative for details.

Specialized Reagents to Optimize Your HPLC and LC/MS Applications

Achieve a unique breadth of diverse rapid, reproducible separations capabilities — for any scale or method — with J.T.Baker® high-purity reagents and chromatography products.

Acids, buffers and ion pair reagents enhance the usefulness of your analytical techniques. To assure suitability, these reagents are controlled for performance characteristics including:

- Solubility in aqueous and organic solutions
- UV transparency for optimum sensitivity
- Metallic impurities that can affect biological activity

J.T.Baker® HPLC Acids, Salts and Ion-Pair Reagents

Description	Avantor Product Number	Fisher Scientific Cat. No.
Acids		
Trifluoroacetic Acid	9470-00	02004494
Acetic Acid, Glacial	9515-03	02002123
Salts		
Ammonium Acetate	0599-08	02002265
Ammonium Phosphate Monobasic	0777-08	02002318
Sodium Acetate Trihydrate	4009-04	02003966
Ion-Pair Reagents		
1-Heptanesulfonic Acid Sodium Salt	2173-05	02002040
1-Hexanesulfonic Acid Sodium Salt	2175-05	02002042
1-Octanesulfonic Acid Sodium Salt	2818-05	02002045
1-Pentanesulfonic Acid Sodium Salt Monohydrate	2841-06	02002048
Tetrabutylammonium Hydrogen Sulfate (98%)	V360-07	02004408
Tetrabutylammonium Hydroxide, Titrant (0.4M in H ₂ O)	V365-07	02004407
Tetrabutylammonium Hydroxide in Water	9580-03	02004409
Tetrabutylammonium Phosphate	V375-03	02004411

Multiple package sizes are available. Contact your sales representative for details.



For technical reference contact:

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