



Analytical Accuracy

Thermo Fisher Scientific™ offers reagents, blends and standards that are designed to support the accuracy and quality of your results. Our portfolio of products is specifically formulated, tested, and validated on the latest instruments to ensure superior performance for all your chromatography and spectrometry test methods.

LC/MS Solvents and Blends

Liquid chromatography/mass spectrometry (LC/MS) methods require a different reagent purity than traditional HPLC — the solvents and blends listed below are ready to use and specifically verified for LC/MS analysis.

Description	Sizes	Cat. No.
Acetonitrile, Optima™ LC/MS, Fisher Chemical™	500mL, 1L, 4L	A955
Acetonitrile, Optima™ UHPLC/MS, Fisher Chemical	1L	A9561
Acetonitrile, 80% with 0.1% FA, Optima™ LC/MS, Fisher Chemical	500mL	LS122500
Acetonitrile with 0.1% FA, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	LS120
Acetonitrile with 0.1% TFA, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	LS121
Ammonium Formate (10mM) in MeOH with 0.05% FA, UHPLC/MS, Thermo Scientific™	1L	MB1221
Ammonium Formate (10mM) in Water with 0.05% FA, UHPLC/MS, Thermo Scientific	1L	MB1231
Methanol, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	A456
Methanol, Optima™ UHPLC/MS, Fisher Chemical	1L	A4581
Methanol, LC/MS, Acros Organics™	2.5L	AC615130025
2-Propanol (IPA), Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	A461
IPA/Acetonitrile/Acetone (9/9/2) Flush Solution, Thermo Scientific	1L	MB1241
Water, LC/MS, Acros Organics	2.5L	AC615150025
Water, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	W6
Water, Optima™ UHPLC/MS, Fisher Chemical	1L	W81
Water with 0.1% FA, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	LS118
Water with 0.1% TFA, Optima™ LC/MS, Fisher Chemical	500mL, 1L, 4L	LS119

Standards

Calibration with known and reliable mass spectrometry standards (like those listed below) gives you confidence in your test results.

Mass Spectroscopy Standard	Sizes	Cat. No.
2,4,6-Tris(heptafluoropropyl)-1,3,5-triazine, Alfa Aesar™	1g, 5g	AAL16883
2,4,6-Tris(perfluoroheptyl)-1,3,5-triazine, Alfa Aesar	100mg, 500mg	AAL16678
2,4,6-Tris(trifluoromethyl)-1,3,5-triazine, 98%, Alfa Aesar	1g, 5g	AAB22001
Bis(pentafluorophenyl)phenylphosphine, 97%, Alfa Aesar	0.25g, 1g	AAA11014
Perfluorokerosene-941, Alfa Aesar	1g	AAL16595
Perfluorokerosene-L, Alfa Aesar	1g, 5g	AAL16597
Perfluorotributylamine, Alfa Aesar	1g, 5g, 25g	AA19126
Tris(pentafluorophenyl)phosphine, 97%, Alfa Aesar	1g, 5g	AAL02748
Ultramark™ 1621, Alfa Aesar	250mg, 1g	AAL16698
Ultramark™ 1960F, Alfa Aesar	1g	AAL16695
Ultramark™ 2500F, Alfa Aesar	1g	AAL16696
Ultramark™ 3200F, Alfa Aesar	1g	AAL16697
Protein Mass Spec Certified Standards Assortment: Albumin, Carbonic Anhydrase, Cytochrome C, Lysozyme, Myoglobin, Alfa Aesar	1 Kit	AAJ67734QA
Protein LC-MS Standard, Certified: Ribonuclease A, Carbonic Anhydrase, Cytochrome C, Lysozyme, Myoglobin, Alfa Aesar	1 Vial	AAJ67628LPL
Reversed Phase LC-MS Peptide Retention Standard, Certified: Angiotensin I, Angiotensin II, Albumin Fragment LVAASQAALGL, Albumin Fragment TCVADE-SAENCDK, and Reference Peptide IAIANIDEIEK, Alfa Aesar	1 Vial	AAJ67668LPL

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