



Chemicals

# Solvents and blends

for HPLC applications

# HPLC Optima grade solvents

Fisher Chemical™ Optima™ grade solvents meet high purity requirements and are the choices for HPLC and GC, spectrophotometry, environmental testing and other analytical applications.

## Key Features

- Screened for fluorescent and UV-absorbing contaminants
- Meet ACS specifications
- Certificates of analysis and SDS available online and by scanning the QR codes on the label
- Many tested for pesticides via GC ECD



Description	Packaging	Sizes	Cat. No.
Acetone	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	A929
Acetonitrile	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	A996
Chloroform (with ~50ppm Amylene as a Preservative)	Amber Glass Bottles	4 L	C297
Ethyl Acetate	Amber Glass Bottles and Safe-Cote™ Bottles	4 L	E196
Ethyl Acetate/Ethanol 3:1 Solution	Amber Glass Bottles	4 L	E151
Hexanes	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	H303
n-Hexane, 95%	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	H306
Methanol	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	A454
Methylene Chloride	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	4 L	D151
Petroleum Ether	Amber Glass Bottles and Safe-Cote™ Bottles	4 L	E120
2-Propanol	Amber Glass Bottles and Safe-Cote™ Bottles	4 L	A464
Tetrahydrofuran	Amber Glass Bottles and Safe-Cote™ Bottles (4 L Only)	1 and 4 L	T427
Toluene	Amber Glass Bottles and Safe-Cote™ Bottles	4 L	T291
Water	Amber Glass Bottles and Safe-Cote™ Bottles	4 L	W7

# HPLC grade solvents

HPLC grade solvents are specifically for use in analytical and preparatory liquid chromatography.

## Key Features

- Meet ACS specifications
- Submicron filtered
- Supplied in specially cleaned bottles
- Blanketed with inert gas to maintain integrity
- Certificate of Analysis available online
- Scan QR codes on label for CofA and SDS
- Bulk size options available

Description	Sizes	Cat. No.
Acetic Acid, Glacial (HPLC), Fisher Chemical™	500 mL, 1 L	A/0406
Acetone (HPLC), Fisher Chemical™	1 L, 2.5 L	A/0606
Acetonitrile, for HPLC, Fisher Chemical™	1 L, 2.5 L, 5 L	A/0626
Acetonitrile, HPLC for Gradient Analysis, meets analytical specification of Ph.Eur, Fisher Chemical™	1 L, 2.5 L, 5 L	A/0627
Acetonitrile, Certified, for HPLC-RMN with Low Propionitrile Level, Fisher Chemical™	1 L, 2.5 L	A/0636
n-Butyl Chloride (HPLC), Fisher Chemical™	1 L, 2.5 L	C/4756
Chloroform, Stabilized with Amylene, for HPLC, Fisher Chemical™	1 L, 2.5 L	C/4966
Cyclohexane, for HPLC, Fisher Chemical™	1 L, 2.5 L	C/8936
1,2-Dichloroethane, for HPLC, Fisher Chemical™	1 L, 2.5 L	D/1756
Dichloromethane, for HPLC, Stabilised with Amylene, Fisher Chemical™	1 L, 2.5 L, 5 L	D/1856
Dichloromethane, for HPLC, Unstabilised, Fisher Chemical™	1 L, 2.5 L	D/1857
Diethyl Ether, for HPLC, Stabilised with Ethanol, Fisher Chemical™	1 L, 2.5 L	D/2506
DimethylFormamide, for HPLC, Fisher Chemical™	1 L, 2.5 L	D/3846
Dimethyl Sulfoxide, for HPLC, Fisher Chemical™	250 mL, 500 mL, 2.5 L	D/4125
1,4-Dioxane, 99.5+%, for HPLC, Unstabilised, Fisher Chemical™	1 L, 2.5 L	D/4556
Ethanol Absolute, for HPLC, Fisher Chemical™	1 L, 2.5 L	E/0665
Ethyl Acetate, for HPLC, Fisher Chemical™	1 L, 2.5 L	E/0906
Heptane, for HPLC, approx. 99% n-Heptane, Fisher Chemical™	1 L, 2.5 L	H/0106
Heptane, HPLC for fluorescence detection, approx. 99% n-Heptane, Fisher Chemical™	1 L, 2.5 L	H/0107
Isohexane, for HPLC, contains <5% n-Hexane, Fisher Chemical™	1 L, 2.5 L, 5 L, 25 L	H/0405
Hexanes, for HPLC, 95% n-Hexane approx., Fisher Chemical™	1 L, 2.5 L, 5 L	H/0406
Hexanes, HPLC for fluorescence detection, 95% n-Hexane approx., Fisher Chemical™	1 L, 2.5 L	H/0409
Methanol, for HPLC, Fisher Chemical™	1 L, 2.5 L, 5 L	M/4056
Methanol, HPLC for Gradient Analysis, Fisher Chemical™	1 L, 2.5 L, 5 L	M/4058
Methyl-Tert-Butyl Ether, for HPLC, Fisher Chemical™	2.5 L	M/4496
Pentane, for HPLC, Mixed Isomers, Fisher Chemical™	1 L, 2.5 L	P/1006
Propan-1-ol, for HPLC, Fisher Chemical™	1 L, 2.5 L	P/7486
Isopropanol, for HPLC, Fisher Chemical™	1 L, 2.5 L	P/7507
Tetrahydrofuran, for HPLC, Unstabilised, Fisher Chemical™	1 L, 2.5 L	T/0706
Toluene, for HPLC, Fisher Chemical™	1 L, 2.5 L	T/2306
2,2,4-Trimethylpentane (Isooctane), for HPLC, Fisher Chemical™	1 L, 2.5 L, 5 L	T/3606
Water, HPLC for Gradient Analysis, Fisher Chemical™	1 L, 2.5 L	W/0106

# HPLC grade mobile phase blends

HPLC mobile phase blends meet the strict purity requirements of HPLC and provide a consistent formulations of formic acid (FA) or trifluoroacetic acid (TFA) with a low LC/UV background. Pre-blended mobile phases offer convenience and consistency in your HPLC operation and avoid the contamination, quality and safety risks often associated with blending solvents and acids in-house.

## Key Features

- Ready-to-use
- Submicron filtered
- LC/UV tested at 210nm and 254nm
- Lot-to-lot consistency
- Packaged in specially treated bottles and sealed with FisherLOCK caps

Description	Packaging	Sizes	Cat. No.
Acetonitrile with 0.1% FA	Amber Glass Bottles	4 L	HB9823-4
Acetonitrile with 0.05% TFA	Amber Glass Bottles	4 L	HB9812-4
Acetonitrile with 0.1% TFA	Amber Glass Bottles	4 L	HB9813-4
Mobile Phase Buffer, HPLC, pH 10, 10mM Ammonium Bicarbonate, 5% Methanol	Amber Glass Bottles	4 L	T006024000
Water with 0.1% FA	Amber Glass Bottles	4 L	HB523-4
Water with 0.05% TFA	Amber Glass Bottles	4 L	HB512-4
Water with 0.1% TFA	Amber Glass Bottles	4 L	HB513-4

# Quality matters – both inside and out

Subject to rigorous testing



Certified for specifications



Quality chemicals



Secured from multiple qualified sources

**Delivered when you need it!**



## Plastic bottles

Available when chemical properties are compatible, plastic bottles minimize the risk of breakage while providing lighter-weight packaging and easier, more economical shipping.



## Aluminum cans

With a lightweight, seamless construction designed to contain ethers, this option features a tamper-evident cap with pouring handle. They are of pure aluminum, which minimizes  $\text{Na}^+$  and  $\text{K}^+$  adduct formation.



## Amber glass bottles

Designed for quality and reliability, amber glass bottles are used to package photosensitive chemicals to protect them from light.



## High-volume solvent delivery systems

We offer environmentally friendly solvent-handling solutions for virtually unlimited applications to enhance safety and improve productivity within your lab.

 Learn more at [thermofisher.com/chemicals](https://thermofisher.com/chemicals)

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