



Introducing Chromplete reagents— designed for laboratory efficiency



Multiapplication solvents that maintain analytical precision while reducing the number of reagents in the lab

Too many solvent grades to choose from?

New Thermo Scientific[™] Chromplete[™] reagents are your complete answer. They are designed for common analyses and separations, and offer the consistency and precision you expect from products developed by the chromatography scientists at Thermo Fisher Scientific. Chromplete reagents offer significant advantages.

- Solvents suitable for multiple techniques:
 - HPLC coupled with UV, UV-Vis, PDA, ECD, FL, and RI detectors
 - Gas chromatography coupled with FID, ECD, and TCD
 - UV spectrophotometry
 - Extractions, purifications, and supercritical fluid chromatography

Benefit—the multiapplication compatibility of one solvent reduces the number of bottles required in the lab at any given time, greatly simplifies inventory management, and reduces the potential for reagent waste.

- Tested to globally recognized ACS and USP specifications

Benefit—in addition to their suitability for analytical applications, these solvents are suitable for other uses such as extractions and purifications in processes that are based on USP or ACS standards.

- Extended product specifications developed by our chromatography specialists, based on feedback from our customers

Benefit—clearly defined, single purity grade services for multiple techniques. Chromplete reagents offer peace of mind about solvent suitability, enabling you to focus on your research and objectives.

ChromaCare flush solution—clearing the way for interference-free chromatography

Getting and keeping your new liquid chromatography (LC) instrument up and running smoothly is a key challenge for scientists and lab managers. Thermo Scientific™ ChromaCare™ flush solution is designed by the chromatography team at Thermo Fisher Scientific to best prepare LC instruments for start-up. By reducing background noise, ChromaCare flush solution facilitates instrument installation and preventative maintenance routines.



Ordering information

Product	Quantity	Price	Cat. No.
Acetonitrile Chromplete Reagent for LC, GC, ACS, and spectrophotometry	1 L		T001011000
	2.5 L		T001012500
	4 L	8.090,00 RSD	T001014000
Methanol Chromplete Reagent for LC, GC, ACS, and spectrophotometry	1 L		T001021000
	2.5 L		T001022500
	4 L	3.950,00 RSD	T001024000
2-Propanol Chromplete Reagent for LC, GC, ACS, and spectrophotometry	1 L		T001041000
	2.5 L		T001042500
	4 L	6.880,00 RSD	T001044000
Water Chromplete Reagent for LC, GC, ACS, and spectrophotometry	1 L		T001031000
	2.5 L		T001032500
	4 L	3.260,00 RSD	T001034000
ChromaCare Instrument Flush Solution suitable for LC and LC-MS	1 L		T111101000
	2.5 L		T111102500

To place an order, contact your local distributor.

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Introducing Thermo Scientific Flush Solutions

Clearing the Way for Interference-Free Chromatography

Getting and keeping your liquid chromatography and mass spectrometry systems running smoothly is challenging, especially when protein precipitates build up. Without a proper cleaning procedure, buffers can hide in pores and interfere with retention time, peak trailing, and baseline drift. That's why we're pleased to introduce the Thermo Scientific™ ChromaCare™ family of reagents.

Installation and Maintenance

ChromaCare Instrument Flush Solution is designed to facilitate instrument installation, instrument and column maintenance, and reduce background noise.



Preventing Protein Precipitation and Accumulation



A thorough aqueous wash before and after using organic solvents can help to prevent the precipitation of proteins that can clog your instrument, cause sample contamination, and potentially cause premature replacement of your columns. Using the appropriate process will optimize peak shape, keep baselines smooth, and prevent precipitation.

Cat. No.	Description	Quantity	Price
T111101000	Thermo Scientific ChromaCare LC-MS Instrument Flush Solution	1L	9.400,00 RSD
T111102500		2.5L	
MB124-1	Thermo Scientific ChromaCare LC-MS Biologic Flush Solution	1L	6.500,00 RSD
MB124-212		2.5L	15.100,00 RSD
T001252500	Thermo Scientific ChromaCare LC-MS Aqueous Rinse, Probe Wash 1	2.5L	10.900,00 RSD
T001262500	Thermo Scientific ChromaCare LC-MS Organic Rinse, Probe Wash 2	2.5L	15.800,00 RSD

Note: Choose 1L borosilicate glass bottles for applications requiring low metal ion interference, or 2.5L soda lime glass bottles for high-throughput applications.

Product	Designated Use	Procedure
T11110	Instrument Flush Solution: Polar protic and aprotic wash solution for removing a wide variety of contaminants, particularly suited for new LC installations to stabilize baseline. Composition: acetonitrile 25%, methanol 25%, water 25%, 2-propanol (IPA) 25%	Divert flow to waste and flush all LC lines overnight. If the instrument is being used for proteomics or clinical workflows, follow with a T00125 aqueous rinse solution.
T00125	Aqueous Rinse Solution: Designed for wash before and after polar aprotic solutions such as MB124 to remove hydrophilic contaminants such as proteins and buffers which can clog instruments and columns. Formulated with 2% acetonitrile to prevent bacterial growth. Composition: water with 2% acetonitrile	Divert flow to waste then flush system with T00125, then MB124, then again with T00125.
MB124	Polar protic and aprotic organic solution for removing hydrophobic carry-over, especially for clinical applications. Particularly suitable for cleaning the LC injection probe of organic contaminants. Composition: 2-propanol (IPA) 45%, acetonitrile 45%, acetone 10%	Divert flow to waste then flush system with T00125, then MB124, then again with T00125.
T00126	Acidic polar protic and aprotic wash solution to remove analytes from both the sample probe and the LC injection probe. Composition: water with 40% acetonitrile and 0.1% formic acid	Divert flow to waste then flush system with T00125, then T00126 and then finally with T00125. For more rigorous cleaning, add MB124 to the above procedure after the T00126 and end with T00125.

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