

GFS focuses on high purity solvents because we know your critical applications require accurate, reliable and reproducible results. GFS' products start with high quality raw materials and are quality control tested throughout the purification process to ensure the first bottle and the last bottle are the same. Products are sub-micron filtered to ensure low baseline noise and eliminate potential pump blockages. GFS' high purity solvents are application and function tested to ensure lot to lot consistency, for confidence you can trust.

KEY APPLICATIONS:

- HPLC Analysis
- LC-MS Analysis
- GC Analysis
- Residue Analysis
- Purge and Trap
- EPA Method 1664A
- Mobile Phase Additives
- Spectrophotometric Methods

HPLC Analysis:

Products are designed to provide accurate and consistent results in your LC techniques. These products are tested for assay, water, residue upon evaporation and UV absorbance in critical ranges.

HPLC

2494	2,2,4 TRIMETHYLPENTANE, HPLC
2482	ACETONITRILE, HPLC, GRADIENT GRADE
2481	ACETONE, HPLC
1859	CARBON DISULFIDE, HPLC (LOW BENZENE)
2495	CYCLOHEXANE, HPLC
2484	DICHLOROMETHANE, HPLC, AMYLENE STABILIZED
2488	ETHYL ACETATE, HPLC
2487	HEPTANE, HPLC
2497	HEXANES, HPLC
2489	ISOPROPYL ALCOHOL, HPLC
5572	METHYL ETHYL KETONE, HPLC
2483	METHYL ALCOHOL, HPLC
2490	METHYL TERT BUTYL ETHER, HPLC
2491	N-PENTANE, HPLC
2492	TETRAHYDROFURAN, HPLC, NO STABILIZER
5656	TETRAHYDROFURAN, HPLC, BHT STABILIZED
2493	TOLUENE, HPLC
1963	WATER, HPLC (DEIONIZED)

LCMS Analysis:

As instrumentation advances lead to ever lower detection limits it is critical to choose products designated for these needs. These products use additional purification processes to meet the required purity levels for LCMS. They are tested by LCMS in both positive and negative mode, and metals tested (50 ppb maximum) to ensure low adduct formation and to minimize variability.

LCMS

5563	ACETONITRILE, LC-MS (VERITAS ULTIMATE)
5570	METHANOL, LC-MS (VERITAS ULTIMATE)
5613	WATER, LC-MS (VERITAS ULTIMATE)
5634	WATER WITH 0.1% ACETIC ACID, LC-MS (VERITAS ULTIMATE)
5635	WATER WITH 0.1% AMMONIUM HYDROXIDE, LC-MS (VERITAS ULTIMATE)
5614	WATER WITH 0.1% FORMIC ACID, LC-MS (VERITAS ULTIMATE)
5615	WATER WITH 0.1% TRIFLUOROACETIC ACID, LC-MS (VERITAS ULTIMATE)

MOBILE PHASE ADDITIVES FOR LCMS

5845	ACETIC ACID, LC-MS
5855	AMMONIUM BICARBONATE, LC-MS
5849	AMMONIUM HYDROXIDE SOLUTION 25%, LC-MS
5850	AMMONIUM FORMATE, LC-MS
5851	AMMONIUM ACETATE, LC-MS
5848	FORMIC ACID, LC-MS
5852	TRIFLUOROACETIC ACID, LC-MS
5853	TRIETHYLAMINE, LC-MS



GC/ and (or) Residue Analysis:

Solvents designed for Gas Chromatography are specifically function tested and suitable to the ppt/ppb level on the ECD and/or FID detection systems.

GC/PESTICIDE RESIDUE

5578	2,2,4 TRIMETHYLPENTANE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5881	ACETONITRILE GC, RESIDUE
5562	ACETONE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
1234	CHLORORFORM GC, RESIDUE, HPLC (VERITAS ULTIMATE), AMYLENE STABILIZED
3778	CHLOROFORM GC, RESIDUE, HPLC (VERITAS ULTIMATE), ETHANOL STABILIZED
5564	CYCLOHEXANE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5565	DICHLOROMETHANE GC, RESIDUE, HPLC (VERITAS ULTIMATE), AMLYENE STABILIZED
5566	ETHYL ACEATE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
1238	ETHYL ETHER GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5569	ISOPROPYL ALCOHOL, GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5880	METHYL ALCOHOL GC, RESIDUE
5573	METHYL TERT BUTYL ETHER GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5567	N- HEPTANE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5568	N- HEXANE GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5574	N- PENTANE, RESIDUE GRADE (VERITAS ULTIMATE)
5575	PETROLEUM ETHER 35/60 GC, RESIDUE, HPLC (VERITAS ULTIMATE)
5577	TOLUENE GC, RESIDUE, HPLC (VERITAS ULTIMATE)

Purge and Trap:

Specialty tested for trace volatile organics that could interfere with the purge and trap analysis.

PURGE AND TRAP

1995	METHYL ALCOHOL, VERITAS ULTIMATE, FOR PURGE AND TRAP
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EPA 1664A Method:

Specialty grade of hexane to meet 85% minimum n-hexane and low residue for EPA 1664A.

EPA 1664A

5328	HEXANES, EPA 1664A
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