Purity Meets Performance

PureSynth®
Research Chemicals GmbH

PurSolv MS

High-Purity Solvents for Reliable GC-MS Analysis

PurSolv MS solvents are specially developed for Gas Chromatography Mass Spectrometry (GC-MS), ensuring unmatched purity, reproducibility, and sensitivity. With ultra-low background noise and minimal interference, they are the trusted choice and support precise trace-level analysis across diverse applications - from pharmaceuticals and environmental testing to food, forensics, and specialty chemicals.

- Versatile Compatibility with Detectors
- Ultra-High Purity; Low Impurity Levels
- Low Volatility Designed for Consistent Results
- Cleaner Baselines, Sharper Peaks
- Achieve Reliable and Reproducible Results
- COA with Complete Impurity Profile

Product No.	Description	Cas No.	Packing
PSR38230	Acetone PurSolv MS for GC-MS, ≥99.5%	67-64-1	1 L
PSR39694	Acetonitrile PurSolv MS for GC-MS, ≥99.9%	75-05-8	1 L
PSR44762	Acetic acid glacial PurSolv MS for GC-MS	64-19-7	1 L
PSR49832	Benzyl Alcohol PurSolv MS for GC-MS & GC-HS, ≥99.9%	100-51-6	1 L
PSR42447	Benzyl Chloride PurSolv MS for GC-MS, ≥99.0%	100-44-7	1 L
PSR42453	4-Bromobenzyl Chloride PurSolv MS for GC-MS, ≥99.0%	589-17-3	1 L
PSR43398	n-Butanol PurSolv MS for GC-MS, >99.0%	71-36-3	1 L
PSR41972	tert-Butyl methyl ether PurSolv MS for GC-MS, >99.7%	1634-04-4	1 L
PSR38228	Chloroform PurSolv MS for GC-MS (Stabilized with ethanol), >99.0%	67-66-3	1 L
PSR43390	5-α-Cholestane PurSolv MS for GC-MS, ≥99.0%	481-21-0	1 L
PSR42781	Dibutyl phthalate PurSolv MS for GC-MS, >99.0%	84-74-2	1 L
PSR41536	1,4-Dichloro Benzene PurSolv MS for GC-MS, >99.0%	106-46-7	1 L
PSR38222	Dichloromethane PurSolv MS for GC-MS [Stabilized], ≥99.8%	75-09-2	1 L
PSR43795	Diethyl ether PurSolv MS for GC-MS	60-29-7	1 L
PSR41227	N,N-Dimethyl acetamide PurSolv MS for GC-MS, ≥99.5%	127-19-5	1 L
PSR38225	N,N-Dimethyl formamide PurSolv MS for GC-MS, ≥99.9%	68-12-2	1 L
PSR38226	Dimethyl sulfoxide PurSolv MS for GC-MS, ≥99.9%	67-68-5	1 L
PSR38600	1,4-Dioxane PurSolv MS for GC-MS, ≥99.9%	123-91-1	1 L
PSR38229	Ethyl acetate PurSolv MS for GC-MS, ≥99.5%	141-78-6	1 L
PSR44646	Heptane PurSolv MS for GC-MS, ≥99.0%	142-82-5	1 L
PSR38223	n-Hexane PurSolv MS for GC-MS, ≥98.0%	110-54-3	1 L
PSR43368	Hexachlorobenzene PurSolv MS for GC-MS, ≥99.0%	118-74-1	1 L
PSR41507	n-Hexa Decane PurSolv MS for GC-MS	544-76-3	1 L
PSR43366	Iso-octane PurSolv MS for GC-MS, ≥99.0%	540-84-1	1 L
PSR39695	Isopropyl Alcohol PurSolv MS for GC-MS, ≥99.5%	67-63-0	1 L
PSR38765	Methanol PurSolv MS for GC-MS, >99.9%	67-56-1	1 L
PSR39740	Methyl Isobutyl Ketone PurSolv MS for GC-MS, >99.0%	108-10-1	1 L
PSR41230	1-Methyl 2-pyrollidone PurSolv MS for GC-MS, ≥99.0%	872-50-4	1 L
PSR43356	Octafluoronaphthalene PurSolv MS for GC-MS,>97.0%	313-72-4	1 L
PSR44829	n-Pentane PurSolv MS for GC-MS, ≥99.5%	109-66-0	1 L
PSR42914	Petroleum ether 40-60 °C PurSolv MS for GC-MS	8032-32-4	1 L
PSR42925	Pyridine PurSolv MS for GC-MS, ≥99.5%	110-86-1	1 L
PSR44791	Tetrahydrofuran PurSolv MS for GC-MS, ≥99.5%	109-99-9	1 L
PSR38227	Toluene PurSolv MS for GC-MS, ≥99.7%	108-88-3	1 L
PSR44334	Triethylamine PurSolv MS for GC-MS, ≥99.0%	121-44-8	1 L

***Available in 500ml pack size**

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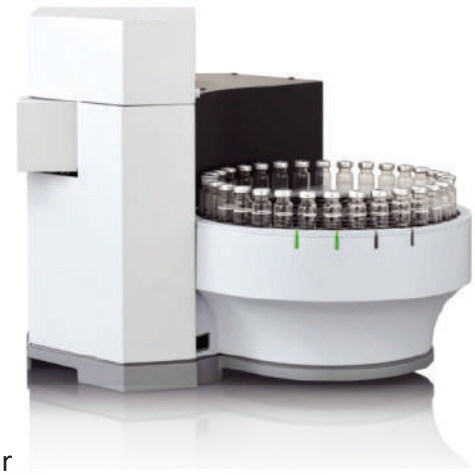
PurSolv HS

High purity solvents for accurate and reliable analysis of organic volatile impurities (OVIs) by gas chromatography headspace (GC-HS)

PurSolv HS solvents are specially developed for sensitive headspace GC analysis of volatile organic impurities (OVIs), ensuring optimal purity with no interfering peaks across polar and non-polar columns. Each batch is application-optimized, function-tested, and evaluated against OVI standards. Manufactured with optimized distillation process followed by filteration through 0.2µ filter and packed under inert atmosphere, these solvents guarantee accurate identification and quantification of residual solvents.

- **Ultra-High Purity (≥99.99%) -** Minimum interference, ensuring precise and accurate analysis.
- **Reliable & Repeatable Results -** Enables accurate determination of Class 1, Class 2, and Class 3 residual solvents in pharmaceuticals.
- **Stringent QC -** Each batch is tested for consistent performance.
- **Low Volatility Design -** Prevents interference in the analysis of volatile compounds, enhancing sensitivity and accuracy.
- **Trusted Manufacturing -** Produced in ISO-certified facilities for excellent batch-to-batch consistency.



Product No.	Description	Cas No.	Packing
PSR50123	Acetonitrile PurSolv HS, GC-Headspace tested, ≥99.5%	75-05-8	1 L
PSR1938	Benzyl alcohol PurSolv HS, GC-Headspace tested, ≥99.9%	100-51-6	1 L
PSR43586	Dichloromethane PurSolv HS, GC-Headspace tested, ≥99.5%	75-09-2	1 L
PSR2028	N,N-Dimethylacetamide PurSolv HS, GC-Headspace tested, ≥99.9%	127-19-5	1 L
PSR36269	N,N-Dimethylformamide PurSolv HS, GC-Headspace tested, ≥99.9%	68-12-2	1 L
PSR2037	1,3-Dimethyl-2-imidazolidinone PurSolv HS, GC-Headspace tested, ≥99.5%	80-73-9	1 L
PSR36268	Dimethyl sulfoxide PurSolv HS, GC-Headspace tested, ≥99.9%	67-68-5	1 L
PSR50124	n-Heptane PurSolv HS, GC-Headspace tested, ≥99.5%	142-82-5	1 L
PSR48145	Methanol PurSolv HS GC-Headspace tested, ≥99.9%	67-56-1	1 L
PSR36270	1-Methyl-2-pyrrolidinone PurSolv HS, GC-Headspace tested, ≥99.9%	872-50-4	1 L
PSR50227	tert-Butyl methyl ether PurSolv HS, GC-Headspace tested, ≥99.5%	1634-04-4	1 L
PSR1787	Water PurSolv HS, GC-Headspace tested	7732-18-5	1 L

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