Pure Synth®
Research Chemicals GmbH

DrySolv

Moisture-free solvents engineered for critical applications in organic synthesis

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DrySolv – High-Purity Dry Solvents

Quality Beyond Standards…….

Some organic synthesis and preparations are highly sensitive to moisture, requiring solvents of exceptional purity and lowest water content. DrySolv dried solvents are specially developed for such demanding applications, including DNA/RNA synthesis, peptide synthesis, and complex organic reactions. Produced using carefully selected distillation methods, they ensure consistently high dryness and batch-to-batch reliability. Our rigorous purification process achieves ultra-low water content, making them the ideal choice where moisture control is critical.

DrySolv – absolute reliability……

…. the cap that guarantees longer-lasting dryness

With the added protection of our advanced & innovative septum seal cap technology, DrySolv solvents retain their dryness and purity before, during, and after use - delivering unmatched performance for sensitive and high-precision laboratory work.

Key Benefits

- Highest quality with low water content as low as <50 ppm
- Batch-to-batch consistency
- Extended Shelf Stability; packed in moisture-protected, tamper-proof containers
- Minimized health and environmental risk compared to self-dried solvents
- Convenient pack size to avoid wastage

PRODUCT NO.	DESCRIPTION	CAS No.	WATER CONTENT	PACKING
PSR48243	Acetonitrile anhydrous, DrySolv	75-05-8	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48244	Anisole anhydrous, DrySolv	100-66-3	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48245	Benzene anhydrous, DrySolv	71-43-2	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48246	Benzonitrile anhydrous, DrySolv	100-47-0	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48247	Benzyl alcohol anhydrous, DrySolv	100-51-6	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48248	(±)-1,3-Butanediol anhydrous, DrySolv	107-88-0	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48249	1-Butanol anhydrous, DrySolv	71-36-3	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48250	2-Butanol anhydrous, DrySolv	78-92-2	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48251	tert-Butanol anhydrous, DrySolv	75-65-0	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48252	Butyl acetate anhydrous, DrySolv	123-86-4	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48253	tert-Butyl methyl ether anhydrous, DrySolv	1634-04-4	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48254	Carbon disulfide anhydrous, DrySolv	75-15-0	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48255	Carbon tetrachloride anhydrous, DrySolv	56-23-5	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48256	Chlorobenzene anhydrous, DrySolv	108-90-7	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48257	1-Chlorobutane anhydrous, DrySolv	109-69-3	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48258	Chloroform anhydrous, contains 0.5-1.0% ethanol as stabilizer, DrySolv	67-66-3	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48259	Chloroform anhydrous, contains amylenes as stabilizer, DrySolv	67-66-3	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48260	Cyclohexane anhydrous, DrySolv	110-82-7	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48261	Cyclopentyl methyl ether, contains 50 ppm BHT as inhibitor anhydrous, DrySolv	5614-37-9	≤50 ppm	100ML, 250ML, 500ML, 1L
PSR48262	Cyclopentyl methyl ether, inhibitor-free anhydrous, DrySolv	5614-37-9	≤50 ppm	100ML, 250ML, 500ML, 1L
PSR48263	Decahydronaphthalene, mixture of cis + trans anhydrous , DrySolv	91-17-8	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48264	Decane anhydrous, DrySolv	124-18-5	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48265	Dibutyl ether anhydrous, DrySolv	142-96-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48266	1,2-Dichlorobenzene anhydrous, DrySolv	95-50-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48267	1,2-Dichloroethane anhydrous, DrySolv	107-06-2	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48268	Dichloromethane anhydrous, contains 40-150 ppm amylene as stabilizer, DrySolv	75-09-2	≤10 ppm	100ML, 250ML, 500ML, 1L
PSR48270	Diethyl ether, contains 1 ppm BHT as inhibitor anhydrous, DrySolv	60-29-7	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48269	Diethylene glycol dimethyl ether anhydrous, DrySolv	111-96-6	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48271	Diisopropyl ether anhydrous, contains either BHT or hydroquinone as stabilizer, DrySolv	108-20-3	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48273	N,N-Dimethylacetamide anhydrous, DrySolv	127-19-5	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48274	Dimethyl carbonate anhydrous, DrySolv	616-38-6	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48275	N,N-Dimethylformamide anhydrous, DrySolv	68-12-2	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48272	1,2-Dimethoxyethane anhydrous, inhibitor-free, DrySolv	110-71-4	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48276	Dimethyl sulfide anhydrous, DrySolv	75-18-3	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48277	Dimethyl sulfoxide anhydrous, DrySolv	67-68-5	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48278	1,4-Dioxane anhydrous, DrySolv	123-91-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48279	1,3-Dioxolane anhydrous, contains ~75 ppm BHT as inhibitor, DrySolv	646-06-0	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48280	Dodecane anhydrous, DrySolv	112-40-3	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48281	Ethyl acetate anhydrous, DrySolv	141-78-6	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48282	Ethyl alcohol, Pure, 200 proof anhydrous, DrySolv	64-17-5	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48283	Ethylbenzene anhydrous, DrySolv	100-41-4	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48284	Ethylene glycol anhydrous, DrySolv	107-21-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48285	Heptane anhydrous, DrySolv	142-82-5	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48286	Hexadecane anhydrous, DrySolv	544-76-3	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48287	Hexane anhydrous, DrySolv	110-54-3	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48288	Hexane, mixture of isomers anhydrous, DrySolv	107-83-5	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48289	1-Hexanol anhydrous, DrySolv	111-27-3	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48290	Isopentyl acetate anhydrous, DrySolv	123-92-2	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48291	Methanol anhydrous, DrySolv	67-56-1	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48293	Methyl acetate anhydrous, DrySolv	79-20-9	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48294	2-Methylbutane anhydrous, DrySolv	78-78-4	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48296	3-Methyl-1-butanol anhydrous, DrySolv	123-51-3	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48295	2-Methyl-2-butanol anhydrous, DrySolv	75-85-4	≤30 ppm	100ML, 250ML, 500ML, 1L
PSR48297	Methylcyclohexane anhydrous, DrySolv	108-87-2	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48298	Methyl formate anhydrous, DrySolv	107-31-3	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48299	2-Methyl-1-propanol anhydrous, DrySolv	78-83-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48300	1-Methyl-2-pyrrolidinone anhydrous, DrySolv	872-50-4	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48292	2-Methoxyethanol anhydrous, DrySolv	109-86-4	<50 ppm	100ML, 250ML, 500ML, 1L

PRODUCT NO.	DESCRIPTION	CAS No.	WATER CONTENT	PACKING
PSR48302	2-Methyltetrahydrofuran anhydrous, contains 250 ppm BHT as stabilizer, DrySolv	96-47-9	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48301	2-Methyltetrahydrofuran anhydrous, Inhibitor-free, DrySolv	96-47-9	≤20 ppm	100ML, 250ML, 500ML, 1L
PSR48303	Nonane anhydrous, DrySolv	111-84-2	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48304	Octane anhydrous, DrySolv	111-65-9	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48305	1-Octanol anhydrous, DrySolv	111-87-5	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48306	Pentane anhydrous, DrySolv	109-66-0	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48307	Petroleum ether anhydrous, DrySolv	8032-32-4	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48308	1-Propanol anhydrous, DrySolv	71-23-8	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48309	2-Propanol anhydrous, DrySolv	67-63-0	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48310	Propylene carbonate anhydrous, DrySolv	108-32-7	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48311	Pyridine anhydrous, DrySolv	110-86-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48312	Reagent Alcohol anhydrous, DrySolv	64-17-5	≤30 ppm	100ML, 250ML, 500ML, 1L
PSR48313	Reagent Alcohol anhydrous, DrySolv	64-17-5	≤50 ppm	100ML, 250ML, 500ML, 1L
PSR48314	Tetrachloroethylene anhydrous, DrySolv	127-18-4	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48316	Tetrahydrofuran anhydrous, contains 250 ppm BHT as inhibitor, DrySolv	109-99-9	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48315	Tetrahydrofuran anhydrous, inhibitor-free, DrySolv	109-99-9	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48317	1,2,3,4-Tetrahydronaphthalene anhydrous, DrySolv	119-64-2	<50 ppm	100ML, 250ML, 500ML, 1L
PSR48318	Tetrahydropyran anhydrous, DrySolv	142-68-7	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48320	1,2,4-Trichlorobenzene anhydrous, DrySolv	120-82-1	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48321	Trichloroethylene anhydrous, contains 40 ppm diisopropylamine as stabilizer, DrySolv	79-01-6	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48322	Triethyl orthoformate anhydrous, DrySolv	122-51-0	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48323	α,α,α-Trifluorotoluene anhydrous, DrySolv	98-08-8	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48324	2,2,4-Trimethylpentane anhydrous, DrySolv	540-84-1	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48319	Toluene anhydrous, DrySolv	108-88-3	<10 ppm	100ML, 250ML, 500ML, 1L
PSR48325	m-Xylene anhydrous, DrySolv	108-38-3	<20 ppm	100ML, 250ML, 500ML, 1L
PSR48326	o-Xylene anhydrous, DrySolv	95-47-6	<30 ppm	100ML, 250ML, 500ML, 1L
PSR48327	p-Xylene anhydrous, DrySolv	106-42-3	<20 ppm	100ML, 250ML, 500ML, 1L

Quality Assurance

Each batch of DrySolv dried solvents undergoes rigorous quality control to guarantee reliability for critical applications.

Moisture Determination:
Karl Fischer titration (coulometric/volumetric methods as applicable), ensuring accurate quantification of residual water

Purity Standards:
Typical purity of ≥99.9 %, with water content routinely below 50 ppm. Moisture content will depend on solvent type

Batch Certification:
Each lot is accompanied with a Certificate of Analysis (CoA) documenting actual water content and expiry date for full traceability

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