

# High Purity Solvents

Highly distilled and purified solvents for the most critical laboratory or manufacturing applications

- AR : Analytical Reagent
- ACS : Meets Specification of American Chemical Society
- HPLC : High Performance Liquid Chromatography
- PRA : Pesticide Residue Solvents
- GC : Gas Chromatography
- GC-HS : Headspace Gas Chromatography
- ELECTRONIC : For Use in Semiconductor Industry
- SPECIALLY DRIED : With Low Water Content
- MOLECULAR BIOLOGY: For Molecular Biology Appl.
- EXTRA PURE/SYNTHESIS : For General Lab Work

# HIGH PURITY SOLVENTS

LOBA Chemie provides high purity solvents that provide accurate results time and time again. LOBA Chemie offers diverse line of High Purity Solvents. LOBA Chemie's High Purity Solvents will meet all of your analytical needs and expectations.

We at LOBA Chemie especially selects raw materials to provide you with consistent quality and excellent value. Then, we handles these selected raw materials with extreme care to avoid cross contamination during the manufacturing and purification process.

LOBA Chemie High Purity Solvents are available in sizes ranging from 100ML to full tank loads, packaged and delivered to comply with your requirements. LOBA Chemie has purification expertise in the production and delivery of high purity solvents and high purity chemicals.

- 1) **AR:** Analytical reagents are specifically indicated for general analytical applications with guaranteed specifications & elevated purity.
- 2) **ACS:** ACS solvents are ultra-high purity chemicals for laboratory use which meets the specifications of the American Chemical Society with minimal levels of impurities.
- 3) **HPLC:** These Solvents are glass distilled, filtered through 0.02micron filter, packaged in solvent-rinsed amber glass bottles under nitrogen purging, and undergo stringent specification testing.
- 4) **PRA:** Loba<sup>®</sup> high purity Pesticide Residue Solvents for Trace Analysis that are carefully analyzed by GC/ECD (no peaks > 5 ng/l of Lindane) & has been specifically designed for the analysis of pesticide residues in the food industry and in the environmental control.
- 5) **GC:** GC Solvents are specifically designed for application in Gas Chromatography & are glass-distilled, resulting in exceptional quality and low residue levels.
- 6) **GC-HS:** GC-HS solvents applicable for more sensitive GC-headspace analysis of volatile organic impurities specially tested to ensure, optimal solvent purity and no peaks elute in the same retention time range as the OVIs. This helps in accurate identification and quantification of the residual solvents present in the drug substances, excipients and drug products.
- 7) **Electronic:** Specially purified for application in semiconductor devices, optics and electronics & are extensively tested with minimal metallic impurities & ensuring best product quality.
- 8) **Specially Dried:** Specially dried solvents are processed & distilled with drying agents to obtain a minimum possible water content and are most suitable for moisture sensitive reactions & in water determination according to Karl Fischer Titration.
- 9) **Molecular Biology:** Molecular biology Reagents are analyzed to ensure the highest level of purity and the lowest level of endogenous proteins, DNase or RNase. These are ideal for many fundamental biological techniques such as PCR, electrophoresis, DNA sequencing, and buffers for enzymatic analyses.
- 10) **Extra pure/ Synthesis:** Solvents and additives used in many potential applications in chemical laboratories. Careful control ensures that a consistently high defined quality is maintained throughout.

## Various diverse line of High Purity Solvents supplied by Loba

	Extra pure/ Synthesis	GC	GC-HS	PRA	HPLC	AR	ACS	Electronic	Specially Dried	Molecular Biology
1,1,2,2-TETRACHLOROETHANE	✓					✓				
1,2-DICHLOROBENZENE	✓				✓					
1,2-DICHLOROETHANE	✓				✓	✓				
1,3-DIOXOLANE	✓					✓				
1,4-DIOXANE	✓	✓			✓	✓			✓	
2,2,4-TRIMETHYL PENTANE (Iso Octane)	✓			✓	✓	✓			✓	
2-ETHOXYETHANOL	✓				✓	✓				
2-METHOXYETHANOL	✓				✓					
ACETONE	✓	✓		✓	✓	✓	✓	✓		
ACETONITRILE	✓	✓		✓	✓	✓			✓	
BENZENE	✓				✓	✓	✓			
BENZYL ALCOHOL	✓	✓	✓			✓	✓			
CARBON DISULPHIDE	✓			✓		✓				
CARBON TETRACHLORIDE	✓				✓					
CHLOROBENZENE	✓					✓				
CHLOROFORM	✓	✓		✓	✓	✓			✓	
CYCLOHEXANE	✓	✓		✓	✓	✓			✓	
CYCLOHEXENE	✓									
CYCLOHEXANONE	✓		✓	✓						
CYCLOPENTANE	✓									
CYCLOPENTENE	✓									
CYCLOPENTYL METHYL ETHER						✓				
DIBUTYL ETHER	✓					✓				
DICHLOROBENZENE	✓				✓	✓				
DICHLOROMETHANE	✓	✓		✓	✓				✓	
DIETHYL ETHER	✓			✓	✓	✓	✓		✓	
DI-iso-PROPYL ETHER	✓			✓		✓	✓			
DIMETHYL SULPHOXIDE	✓	✓	✓		✓	✓			✓	
ETHYL ACETATE	✓	✓		✓	✓	✓	✓			
ETHYL METHYL KETONE	✓					✓	✓			
HEXANE	✓				✓	✓				
iso Butanol	✓					✓				
iso-PENTANE	✓					✓				
iso-PROPYL ALCOHOL	✓	✓		✓	✓	✓		✓	✓	✓

	Extra pure/ Synthesis	GC	GC-HS	PRA	HPLC	AR	ACS	Electronic	Specially Dried	Molecular Biology
METHANOL	✓	✓		✓	✓				✓	
2-METHYLTETRAHYDROFURAN	✓									
METHYL-iso-BUTYL KETONE	✓					✓				
N,N-DIMETHYL ACETAMIDE	✓	✓	✓		✓	✓				
N,N-DIMETHYL FORMAMIDE	✓	✓	✓	✓	✓	✓	✓		✓	✓
N,N-DIMETHYL IMIDAZOLIDINONE		✓								
n-BUTANOL	✓	✓			✓	✓				
n-BUTYL ACETATE	✓	✓				✓				
n-BUTYL CHLORIDE	✓				✓					
n-HEPTANE	✓			✓	✓	✓				
n-HEXANE	✓			✓	✓	✓				
N-METHYL 2-PYRROLIDONE	✓	✓	✓							
n-OCTANE	✓					✓				
n-OCTANOL	✓				✓					
n-PENTANE	✓			✓	✓	✓				
n-PROPYL ALCOHOL	✓	✓			✓	✓				
PETROLEUM ETHER 40-60 deg C	✓			✓	✓	✓				
PETROLEUM ETHER 60-80 deg C	✓					✓				
PETROLEUM ETHER 80-100 deg C	✓									
PETROLEUM ETHER 100-120 deg C	✓									
PYRIDINE	✓				✓	✓				
tert-BUTYL METHYL ETHER	✓	✓		✓	✓	✓				
TETRACHLOROETHYLENE					✓	✓				
TETRAHYDROFURAN	✓			✓	✓	✓			✓	
TOLUENE	✓	✓		✓	✓	✓			✓	
TRICHLOROETHYLENE	✓					✓	✓	✓		
TRIETHYLAMINE	✓				✓	✓				
TRIFLUOROACETIC ACID	✓				✓	✓				
WATER			✓	✓	✓	✓		✓		
XYLENE	✓					✓				
o-XYLENE	✓									
PROPYLENE CARBONATE	✓									
1,2,4-TRICHLOROBENZENE	✓									