

Certificate of Analysis.

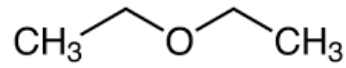
Diethyl ether for HPLC and UV Spectroscopy, ChromSolv®.

Product code:	BS13645.
Description:	Diethyl ether for HPLC and UV Spectroscopy, ChromSolv®.
Chemical Name:	Ethyl ether.
Pack:	500 ml.
CAS NO.:	60-29-7.
Mol. Weight:	74.12 g/mol.
Mol. Formula:	C₄H₁₀O.
MDL Number:	MFCD00011646.
Melting point:	-116 °C.
Boiling Point:	35 °C.
Density:	0.71 g/cm³.
Solubility:	Soluble in chloroform.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	Colorless clear liquid.	Lot specific.
Evaporation residue:	≤ 0.0003 %.	Lot specific.
Water content by KF:	<0.05%.	Lot specific.
Transmission at		
220 nm:	≥ 30 %.	Lot specific.
235 nm:	≥ 55 %.	Lot specific.
250 nm:	≥ 80 %.	Lot specific.
270 nm:	≥ 90 %.	Lot specific.
From 300 nm:	≥ 98 %.	Lot specific.
Absorbance at		
220 nm:	≤ 0.52.	Lot specific.
235 nm:	≤ 0.26.	Lot specific.
250 nm:	≤ 0.10.	Lot specific.
270 nm:	≤ 0.05.	Lot specific.
From 300 nm:	≤ 0.01.	Lot specific.
Purity by GC:	>99.8%.	Lot specific.



Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti.
Technical Head.

