



CERTIFICATE OF ANALYSIS

Product Name	:	DIETHYL ETHER 99% AR
Cas No.	:	60-29-7
Code No.	:	01000
Batch No.	:	PC07230931
Mfg. Date	:	JULY-2023
Date Of Analysis	:	13/07/2023
Retest Date	:	JUNE-2028

TEST	SPECIFICATION	RESULT
Appearance	Clear colorless liquid, with characteristic odor	Clear colorless liquid, with characteristic odor
Assay	Min 99.0%	99.83%
Colour scale	Max 10 APHA	7 APHA
Weight/ mL at 20°C	0.713 - 0.715 g/ml	0.714 g/ml
Refractive index (20°C; 589 nm)	1.351 - 1.353	1.352
Insoluble matter in water	Nil	Nil
Water (H ₂ O)	Max 0.2%	0.08%
Acidity (as CH ₃ COOH)	Max 0.0002% meq/gm	0.00001%
Non-volatile matter	Max 0.001%	0.0002%
Aldehydes and ketones (as CH ₃ CHO)	Max 0.002%	0.0005%
Ethanol (C ₂ H ₅ OH)	Max 0.05%	0.012%
Peroxide (as H ₂ O ₂)	Max 0.0001%	0.00004%
Odorous Impurities	Passes test	Passes
Substance darkened by H ₂ SO ₄	Passes test	Passes

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com