Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	DIETHYL ETHER 99% AR
Code No.	:	01000
Batch No.	:	PC01232389
Mfg. Date	:	JAN-2023
Date Of Analysis	:	16/01/2023
Retest Date	:	DEC-2027

TEST	SPECIFICATION	RESULT
Appearance	Clear colorless liquid, with	Clear colorless liquid, with
TT ·······	characteristic odor	characteristic odor
Purity (by GC)	Min 99.0%	99.64%
Colour scale	Max 10 APHA	6 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%	0.012%
Acidity (as CH₃COOH)	Max 0.0002% meq/gm	0.0001% meq/gm
Non volatile matter	Max 0.001%	0.0003%
Aldehydes and ketones (as CH ₃ CHO)	Max 0.002%	0.0004%
Ethanol (C ₂ H ₅ OH)	Max 0.05%	0.02%
Peroxide (as H ₂ O ₂)	Max 0.0001%	0.00007%
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