

CERTIFICATE OF ANALYSIS

PRODUCT NAME : DIETHYL ETHER AR (stabilised)

CAS No	: 60-29-7	Product code	: 22980
Mol. Formula	: (C ₂ H ₅) ₂ O	Batch No	: MCRT-30669
Mol. WT	: 74.12	Mfd.	: March 2024
Date of analysis	: 21/03/24	Exp.	: Feb. 2029

S.R	Test	Specification	Observation
1	Description	Clear, colourless liquid with a characteristic odour. APHA not greater than 10 HU	Clear, colourless liquid with a characteristic odour. APHA less than 10 HU
2	Assay (GC)	99.0 % min	99.78%
3	Wt. per ml (at 20⁰c)	0.713 - 0.715g	0.714g
4	Refractive index	1.351 - 1.353	1.352
5	Water-Insoluble matter	Passes test	Passes test
6	Water	0.2 % max	0.003%
7	Acidity (as CH₃COOH)	0.001% max	<0.001%
8	Non-Volatile matter	0.0025 % max	0.0008%
9	Aldehydes and ketones (CH₃CHO)	0.002 % max	<0.002%
10	Ethanol (C₂H₅OH)	0.05% max	<0.05%
11	Ether peroxide (C₂H₅)₂O₂)	0.000015% max	<0.000015%
12	Odorous Impurities	passes test	passes test
13	Substances darkened by sulphuric acid	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.