



CERTIFICATE OF ANALYSIS

PRODUCT NAME : DIETHYL ETHER AR (stabilised)

CAS No : 60-29-7
Mol. Formula : (C₂H₅)₂O
Mol. WT : 74.12
Date of analysis : 12/02/22

Product code : 22980
Batch No : MCRT-25045
Mfd. : Feb. 2022
Exp. : Jan. 2027

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	99.52%
3	Wt. per ml (at 20⁰c)	0.713-0.715g	0.715g
4	Refractive index	1.351-1.353	1.352
5	Water-Insoluble matter	Passes test	Passes test
6	Water	0.2 % max	0.05%
7	Acidity (as CH₃COOH)	0.001% max	<0.001%
8	Non-Volatile matter	0.0025 % max	0.0006%
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]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503