

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : DIETHYL ETHER AR (stabilised)**

CAS No	: 60-29-7	Product code	: 22980
Mol. Formula	: (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> O	Batch No	: MCAR-01635
Mol. WT	: 74.12	Mfd.	: May 2025
Date of analysis	: 22/05/25	Exp.	: April 2030

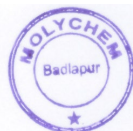
S.R	Test	Specification	Observation
1	<b>Description</b>	Clear, colourless liquid with a characteristic odour. APHA not greater than 10 HU	Clear, colourless liquid with a characteristic odour. APHA less than 10 HU
2	<b>Assay (GC)</b>	99.0 % min	99.90%
3	<b>Wt. per ml (at 20<sup>o</sup>c)</b>	0.713 - 0.715g	0.714g
4	<b>Refractive index</b>	1.351 - 1.353	1.352
5	<b>Water-Insoluble matter</b>	Passes test	Passes test
6	<b>Water</b>	0.2 % max	0.029%
7	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.001% max	<0.001%
8	<b>Non-Volatile matter</b>	0.0025 % max	0.0008%
9	<b>Aldehydes and ketones (CH<sub>3</sub>CHO)</b>	0.002 % max	<0.002%
10	<b>Ethanol (C<sub>2</sub>H<sub>5</sub>OH)</b>	0.05% max	<0.05%
11	<b>Ether peroxide (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>O<sub>2</sub>)</b>	0.000015% max	<0.000015%
12	<b>Odorous Impurities</b>	passes test	passes test
13	<b>Substances darkened by sulphuric acid</b>	passes test	passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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](mailto:info@molychem.net) • Web: [www.molychem.net](http://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.