

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	: MCAR-01004
Mol. WT	: 74.12	Mfd.	: Dec. 2024
Date of analysis	: 26/12/24	Exp.	: Nov. 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	99.86%
3	Wt. per ml (at 20^oc)	0.713 - 0.715g	0.714g
4	Refractive index	1.351 - 1.353	1.351
5	Water-Insoluble matter	Passes test	Passes test
6	Water	0.2 % max	0.04%
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]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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