



CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHANOL AR

CAS No : 67-56-1
Mol. Formula : CH₃OH
Mol. WT : 32.04
Date of analysis : 21/12/24

Product code : 24260
Batch No. : MCAR-00983
Mfd. : Dec. 2024
Exp. : Nov. 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour. APHA not more than 10 Hazen unit.	A clear colourless liquid with a characteristic odour. APHA less than 10 Hazen unit.
2	Assay (GC)	99.5 % min	99.97%
3	Refractive index (n²⁰_D)	1.328 – 1.331	1.329
4	Wt. per ml (at 20⁰c)	0.790-0.792g	0.791 g
5	Water(by KF)	0.1% max	0.03%
6	Acidity(CH₃COOH)	0.001 % max	< 0.001 %
7	Alkalinity(NH₃)	0.0003% max	< 0.0003%
8	Non Volatile Matter	0.001% max	0.0004%
9	Ethanol (C₂H₅OH) (GC)	0.1 % max	<0.1%
10	Organic Impurities	Passes test	Passes test
11	Aldehydes & Ketones (CH₃)₂CO)	0.005 % max	< 0.005 %
12	Substances reducing Permanganate	0.00025 % max	< 0.00025 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

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

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