



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : METHANOL AR**

**CAS No : 67-56-1**  
**Mol. Formula : CH<sub>3</sub>OH**  
**Mol. WT : 32.04**  
**Date of analysis : 12/04/22**

**Product code : 24260**  
**Batch No. : MCRT-17236-03**  
**Mfd. : April 2022**  
**Exp. : March 2027**

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	99.91%
3	Refractive index (n <sup>20</sup> <sub>D</sub> )	1.328 – 1.331	1.328
4	Wt. per ml (at 20 <sup>0</sup> c)	0.790-0.792g	0.792 g
5	Water(by KF)	0.1% max	0.07%
6	Acidity(CH <sub>3</sub> COOH)	0.001 % max	< 0.001 %
7	Alkalinity(NH <sub>3</sub> )	0.0003% max	< 0.0003%
8	Non Volatile Matter	0.001% max	0.0008%
9	Ethanol (C <sub>2</sub> H <sub>5</sub> OH) (GC)	0.1 % max	<0.1%
10	Organic Impurities	Passes test	Passes test
11	Aldehydes & Ketones [(CH <sub>3</sub> ) <sub>2</sub> CO]	0.005 % max	< 0.005 %
12	Substances reducing Permanganate	0.00025 % max	< 0.00025 %

**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.

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