CERTIFICATE OF ANALYSIS

PRODUCT NAME : METHANOL (ACETONE FREE)

CAS No	**: 67-56-1**	**Product code**	**: 24262**
Mol. Formula	**: CH_3OH**	**Batch No.**	**: MCM-7049**
Mol. WT	**: 32.04**	**Mfd.**	**: Feb. 2025**
Date of analysis	**: 08/02/25**	**Exp.**	**: Jan. 2030**

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)**	99.8 % min	99.97%
3	**Refractive index (n^{20}_D)**	1.328 – 1.331	1.329
4	**Wt. per ml (at 20^0c)**	0.790-0.793g	0.791 g
5	**Water(by KF)**	0.1% max	0.03%
6	**Acidity(CH_3COOH)**	0.001 % max	< 0.001 %
7	**Alkalinity(NH_3)**	0.0003% max	< 0.0003%
8	**Non Volatile Matter**	0.001% max	0.0004%
9	**Acetone**	0.001% max	<0.001%
10	**Ethanol (C_2H_5OH) (GC)**	0.1 % max	<0.1%
11	**Substance darkened by H_2SO_4**	Passes test	Passes test
12	**Aldehydes & Ketones [$(CH_3)_2CO$]**	0.005 % max	< 0.005 %
13	**Substances reducing Permanganate**	0.00025 % max	< 0.00025 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Sayli)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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