



CERTIFICATE OF ANALYSIS

Date: 01/10/14

PRODUCT NAME : METHANOL GR

CAS No : 67-56-1

Mol. Formula : CH_3OH

Mol. WT : 32.04

Product code : 24260

Batch No : MCRT-8739

Mfd. : Oct. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.96%
2	Refractive index (n_D^{20})	1.328 – 1.331	1.329
3	Wt. per ml (at 20°C)	0.790-0.792g	0.791g
4	Water(by KF)	0.1% max	0.036%
5	Acidity(CH_3COOH)	0.001 % max	< 0.001 %
6	Alkalinity(NH_3)	0.0003% max	< 0.0003%
7	Non Volatile Matter	0.001% max	0.0006%
8	Ethanol ($\text{C}_2\text{H}_5\text{OH}$) (GC)	0.1 % max	NIL
9	Organic Impurities	Passes test	Passes test
10	Aldehydes & Ketones [$(\text{CH}_3)_2\text{CO}$]	0.005 % max	< 0.005 %
11	Substance red.(KMnO_4)	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.