



CERTIFICATE OF ANALYSIS

Date: 28/05/17

PRODUCT NAME : METHANOL GRADIENT GRADE FOR HPLC

CAS No : 67-56-1
Mol. Formula : CH₃OH
Mol. WT : 32.04
Exp. : April 2022

Product code : 41060
Batch No : MCR-13823
Mfd. : May 2017

S. R	Test	Specification	Observation
1	Assay (GC)	99.9 % min	99.98%
2	Wt. per ml at 20°C	0.791 – 0.792g	0.792g
3	Insoluble matter in H ₂ O	Passes test	Passes test
4	Non Volatile Matter	0.0005% max	0.0003%
5	Acidity (as CH ₃ COOH)	0.0003 meq/g max	<0.0003 meq/g
6	Alkalinity	0.0002 meq/g max	<0.0002 meq/g
7	Water(by KF)	0.05% max	0.02 %
8	Reducing substances to KmnO ₄	Passes test	Passes test
9	Darkened substances by H ₂ SO ₄	Passes test	Passes test
10	Carbonyl compounds(as CH ₃ COCH ₃)	0.001% max	< 0.001%
11	Transmission (1cm cell Vs water)	210nm – 30%min 220nm – 60%min 230nm – 75%min 240nm – 85%min 250nm – 95%min 260nm – 98%min	210nm – 37.097% 220nm – 65.588% 230nm – 82.239% 240nm – 91.907% 250nm – 96.484% 260nm – 98.364%

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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