



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE FOR HPLC

CAS No	: 75-05-8	Product code	: 41000
Mol. Formula	: CH₃CN	Batch No	: MCR-24421
Mol. WT	: 41.05	Mfd.	: Oct. 2021
Date of analysis	: 28/10/21	Exp.	: Sept. 2026

S. R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU	Clear colourless liquid with a characteristic odour. APHA is less than 10 HU
2	Assay (GC)	99.9 % min	99.94%
3	Wt. per ml. at 20°C	0.782-0.783 g	0.782g
4	Water(by KF)	0.05% max	0.03%
5	Acidity (as CH₃COOH)	0.001% max	0.0005%
6	Non Volatile Matter	0.0005% max	0.0004%
7	Transmission (1cm cell Vs water)	195nm – 75% min 200nm – 90% min 210nm – 95% min 220nm – 97% min 230nm – 98% min 240nm – 99% min	195nm – 85.6% 200nm – 94.0% 210nm – 95.2% 220nm – 99.4% 230nm – 99.8% 240nm – 99.9%

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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