



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE FOR HPLC

CAS No : 75-05-8 **Product code : 41000**
Mol. Formula : CH₃CN **Batch No : MCR-21911**
Mol. WT : 41.05 **Mfd. : Sept. 2020**
Date of analysis : 05/09/20 **Exp. : Aug. 2025**

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	99.95%
3	Wt. per ml. at 20°C	0.782-0.783 g	0.782g
4	Water(by KF)	0.05% max	0.027%
5	Acidity (as CH ₃ COOH)	0.001% max	0.0009%
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 – 75.2 % 200nm – 91.2% 210nm – 95.9% 220nm – 97.9% 230nm – 98.1% 240nm – 99.4%

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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