



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETONITRILE FOR HPLC**

**CAS No : 75-05-8**                      **Product code : 41000**  
**Mol. Formula : CH<sub>3</sub>CN**                      **Batch No : MCR-20453**  
**Mol. WT : 41.05**                      **Mfd. : Dec. 2019**  
**Date of analysis : 24/12/19**                      **Exp. : Nov. 2024**

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	99.98%
3	Wt. per ml. at 20°C	0.782-0.783 g	0.782g
4	Water(by KF)	0.05% max	0.01%
5	Acidity (as CH <sub>3</sub> COOH)	0.001% max	< 0.001%
6	Non Volatile Matter	0.0005% max	0.0003%
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 – 78.5 % 200nm – 93.6% 210nm – 97.4% 220nm – 98.0% 230nm – 98.7% 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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