

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETONITRILE FOR HPLC**

<b>CAS No</b>	: 75-05-8	<b>Product code</b>	: 41000
<b>Mol. Formula</b>	: CH <sub>3</sub> CN	<b>Batch No</b>	: MCR-33165
<b>Mol. WT</b>	: 41.05	<b>Mfd.</b>	: Feb. 2025
<b>Date of analysis</b>	: 10/02/25	<b>Exp.</b>	: Jan. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	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	<b>Assay (GC)</b>	99.9 % min	99.99%
3	<b>Wt. per ml. at 20°C</b>	0.782-0.783 g	0.783g
4	<b>Water(by KF)</b>	0.05% max	0.017%
5	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.001% max	0.0004%
6	<b>Non Volatile Matter</b>	0.0005% max	0.0003%
7	<b>Transmission (1cm cell Vs water)</b>	195nm – 75%min 200nm – 90%min 210nm – 95%min 220nm – 97%min 230nm – 98%min 240nm – 99%min	81.04% 92.78% 95.89% 97.16% 98.50% 99.33%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Durvas)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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