



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETONITRILE FOR HPLC**

<b>CAS No</b>	<b>: 75-05-8</b>	<b>Product code</b>	<b>: 41000</b>
<b>Mol. Formula</b>	<b>: CH<sub>3</sub>CN</b>	<b>Batch No</b>	<b>: MCR-24538</b>
<b>Mol. WT</b>	<b>: 41.05</b>	<b>Mfd.</b>	<b>: Nov. 2021</b>
<b>Date of analysis</b>	<b>: 23/11/21</b>	<b>Exp.</b>	<b>: Oct. 2026</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
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	99.97%
3	<b>Wt. per ml. at 20°C</b>	0.782-0.783 g	0.782g
4	<b>Water(by KF)</b>	0.05% max	0.015%
5	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.001% max	0.0003%
6	<b>Non Volatile Matter</b>	0.0005% max	0.0009%
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	195nm – 78.0% 200nm – 93.9% 210nm – 97.0% 220nm – 98.2% 230nm – 99.0% 240nm – 99.4%

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

**[Tested By]**

**CHEMIST  
(Asmita)**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**