



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE FOR HPLC

CAS No : 75-05-8 **Product code : 41000**
Mol. Formula : CH₃CN **Batch No : MCR-22907**
Mol. WT : 41.05 **Mfd. : Feb. 2021**
Date of analysis : 25/02/21 **Exp. : Jan. 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	99.99%
3	Wt. per ml. at 20°C	0.782-0.783 g	0.783g
4	Water(by KF)	0.05% max	0.01%
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 – 75.3 % 200nm – 90.9% 210nm – 95.2% 220nm – 97.7% 230nm – 99.0% 240nm – 99.7%

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.

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