



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE FOR HPLC

CAS No : 75-05-8 **Product code : 41000**
Mol. Formula : CH₃CN **Batch No : MCR-21812**
Mol. WT : 41.05 **Mfd. : Aug. 2020**
Date of analysis : 19/08/20 **Exp. : July 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	99.94%
3	Wt. per ml. at 20°C	0.782-0.783 g	0.782g
4	Water(by KF)	0.05% max	0.04%
5	Acidity (as CH₃COOH)	0.001% max	0.0002%
6	Non Volatile Matter	0.0005% max	0.0008%
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 – 79.5 % 200nm – 96% 210nm – 97.6% 220nm – 99.1% 230nm – 99.5% 240nm – 99.9%

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**