CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE FOR HPLC

CAS No	**: 75-05-8**	**Product code**	**: 41000**
Mol. Formula	**: CH_3CN**	**Batch No**	**: MCR-20966**
Mol. WT	**: 41.05**	**Mfd.**	**: Feb. 2020**
Date of analysis	**: 25/02/20**	**Exp.**	**: Jan. 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	99.95%
3	**Wt. per ml. at 20°C**	0.782-0.783 g	0.782g
4	**Water(by KF)**	0.05% max	0.02%
5	**Acidity (as CH_3COOH)**	0.001% max	0.0003%
6	**Non Volatile Matter**	0.0005% max	0.0009%
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 – 76.6 % 200nm – 93.9% 210nm – 96.7% 220nm – 98.2% 230nm – 99.4% 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