

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE AR

CAS No : 75-05-8
Mol. Formula : CH₃CN
Mol. WT : 41.05
Date of analysis : 08/01/24

Product code : 21060
Batch No. : MCRT-30113
Mfd. : Jan. 2024
Exp. : Dec. 2028

S.R	Test	Specification	Observation
1	Description	A clear, colourless liquid,with characteristic odor.	A clear, colourless liquid,with characteristic odor.
2	Assay (GC)	99.5 % min	99.96%
3	Wt per ml at 20⁰c	0.780 to 0.782 g	0.780g
4	Free acid (as CH₃COOH)	0.001 % max	< 0.001 %
5	Free alkali (as NH₃)	0.001 % max	< 0.001 %
6	Non volatile matter	0.001 % max	0.0008%
7	Barium (Ba)	0.00001 % max	< 0.00001 %
8	Cadmium (Cd)	0.000005 % max	< 0.000005%
9	Calcium(Ca)	0.00005 % max	< 0.00005%
10	Iron(Fe)	0.00001 % max	< 0.00001 %
11	Lead(Pb)	0.00001 % max	< 0.00001 %
12	Water(by KF)	0.1 % max	0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Sonu)**

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

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.