

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONITRILE AR

CAS No : 75-05-8
Mol. Formula : CH₃CN
Mol. WT : 41.05
Date of analysis : 27/06/24

Product code : 21060
Batch No. : MCAR-00315
Mfd. : June 2024
Exp. : May 2029

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	99.98%
3	Wt per ml at 20⁰c	0.780 to 0.782 g	0.781 g
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	0.0006%
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	0.016%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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