



CERTIFICATE OF ANALYSIS

1 PRODUCT NAME : ACETONITRILE HPLC GRADIENT GRADE

CAS No	: 75-05-8	Product code	: 41090
Mol. Formula	: CH₃CN	Batch No	: MCR-17942
Mol. WT	: 41.05	Mfd.	: Feb. 2019
Date of analysis	: 06/02/19	Exp.	: Jan. 2024

S. R	Test	Specification	Observation
1	Description	Clear colourless liquid	Clear colourless liquid
2	Assay (GC)	99.9 % min	99.97%
3	Water	0.03% max	0.02%
4	Acidity (as CH₃COOH)	0.001% max	<0.001%
5	Non-volatile matter	0.0005% max	0.0002%
6	Gradient Elution test at 210 nm	0.01 A.U. max.	<0.01 A.U.
7	Transmission (1cm cell Vs water)	191nm – 35% min 195nm – 80% min 200nm – 90% min 210nm – 95% min 220nm – 97% min 230nm – 98% min 240nm – 99% min	191nm – 35.500% 195nm – 80.235% 200nm – 93.567% 210nm – 96.423% 220nm – 98.430% 230nm – 99.438% 240nm – 99.890%

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.

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