



## CERTIFICATE OF ANALYSIS

**1 PRODUCT NAME : ACETONITRILE HPLC GRADIENT GRADE**

**CAS No : 75-05-8**  
**Mol. Formula : CH<sub>3</sub>CN**  
**Mol. WT : 41.05**  
**Date of analysis : 31/01/19**

**Product code : 41090**  
**Batch No : MCR-17914**  
**Mfd. : Jan. 2019**  
**Exp. : Dec. 2023**

S. R	Test	Specification	Observation
1	<b>Description</b>	Clear colourless liquid	Clear colourless liquid
2	<b>Assay (GC)</b>	99.9 % min	99.97%
3	<b>Water</b>	0.03% max	0.01%
4	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.001% max	<0.001%
5	<b>Non-volatile matter</b>	0.0005% max	0.0004%
6	<b>Gradient Elution test at 210 nm</b>	0.01 A.U. max.	<0.01 A.U.
7	<b>Transmission (1cm cell Vs water)</b>	191nm – 35%min 195nm – 80%min 200nm – 90%min 210nm – 95%min 220nm – 97%min 230nm – 98%min 240nm – 99%min	191nm – 35.123% 195nm – 80.550% 200nm – 93.762% 210nm – 98.303% 220nm – 99.536% 230nm – 99.817% 240nm – 99.693%

**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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