



CERTIFICATE OF ANALYSIS

Date: 11/06/13

PRODUCT NAME : ACETONITRILE “GRADIENT GRADE” FOR HPLC

CAS No : 75-05-8

Mol. Formula : CH₃CN

Mol. WT : 41.05

Product code : 41020

Batch No : MCR-6806

Mfd . : June 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.9 % min	99.96%
2	Non-volatile matter	0.0005% max	0.0003%
3	Water	0.03% max	0.029%
4	Free acid (as CH ₃ COOH)	0.001% max	< 0.001%
5	Free alkali (as NH ₃)	0.0002% max	<0.0002%
6	Transmission (1cm cell Vs water)	195nm – 75%min 200nm – 95%min 210nm – 96%min 220nm – 97%min 230nm – 98%min 240nm – 99%min	195nm – 85.510% 200nm – 97.168% 210nm – 97.705% 220nm – 98.596% 230nm – 99.438% 240nm – 99.902%
7	Gradient elution test at 210nm	NMT 10mAU	6.4 mAU
8	Gradient elution test at 254nm	NMT 5 mAU	2.2mAU

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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**Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**