



Certificate of Analysis

QUALITY CONTROL DEPARTMENT ANALYTICAL REPORT & SPECIFICATION AR/Ver -1.0

NAME OF PRODUCT	: ACETONITRILE FOR HPLC & GRADIENT GRADE	CAT. NO.	: HP0005
CAS NO.	: 75-05-8	GRADE	: G.G
FORMULA	: CH ₃ CN	M.W.	: 41.05
BATCH NO	: S2500344RBXC26	Q.C. REF NO.	: AR/0344/26
PKD.ON	: MAR-26	RE-TEST	: FEB-31

Description	: A clear liquid, not more than 10 Hazen units in colour.
Solubility	: Miscible with water and alcohol.
Identification	: Passes test.

TEST	LIMIT	OBSERVED
Minimum assay (GC)	99.9%	100.0%
Wt. per ml at 20°C	0.780-0.783g	0.780g
Refractive index n _D ²⁰	1.343-1.345	1.343
Boiling range	80-82°C	80-82°C

Maximum limits of impurities:

Water	0.05%	0.010%
Acidity	0.001%	Complies
Residue on evaporation	0.0004%	Complies
Alkalinity (as NH ₃)	0.0002%	Complies
UV Transmission at:		
193 nm	min. 60%	72.48%
195 nm	min. 80%	89.26%
200 nm	min. 93%	99.86%
220 nm	min. 97%	100.18%
230 nm	min. 98%	100.59%
230 nm onwards	min. 98%	100.61 %
Gradient at:		
210 nm	max. 10.0 mAU	Complies
254 nm	max. 5.0 mAU	Complies
Filtered through 0.2µm membrane.		

For HIGH PURITY LABORATORY CHEMICALS PVT. LTD.

Manager (Q.C.)

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.

THIS COA HAS BEEN GENERATED ELECTRONICALLY AND IT IS VALID WITHOUT SIGNATURE.

HIGH PURITY LABORATORY CHEMICALS PVT. LTD.

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