



CERTIFICATE OF ANALYSIS

Product Name	:	ACETONITRILE 99.9% HPLC GRADIENT GRADE
Cas No.	:	75-05-8
Code No.	:	0033A
Batch No.	:	PC09241634
Mfg. Date	:	SEP-2024
Date Of Analysis	:	19/09/2024
Retest Date	:	AUG-2029

TEST	SPECIFICATION	RESULT
Appearance	Clear colourless liquid	Clear colourless liquid
Density (d ₂₀ ^o C/4 ^o C)	0.782 – 0.783 g/ml	0.782 g/ml
Acidity	Max 0.0002 meq/g	0.00007 meq/g
Alkalinity	Max 0.0002 meq/g	Nil
Identity (IR)	Passes test	Passes
Water (H ₂ O)	Max 0.03%	0.01%
Non-volatile matter	Max 0.0005%	0.00018%
UV transmittance at 195 nm	Min 75.0%	92.28%
UV transmittance at 210 nm	Min 96.0%	98.50%
UV transmittance at 220 nm	Min 97.0%	100.88%
UV transmittance at 230 nm	Min 98.0%	101.09%
UV transmittance at 240 nm	Min 99.0%	99.79%
Gradient elution test at 210 nm	Max 10 mAU	Complies
Purity (by GC)	Min 99.9%	99.99%
UV transmittance at 200 nm	Min 95%	100.13%
Gradient elution test at 254 nm	Max 5 mAU	Complies
Dilution test (1:1, 1:2, water)	Solution is clear , colourless	Complies

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com