

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	: Acetonitrile HPLC	CAS No.	: 75-05-8
Molecular Formula	: CH ₃ CN	Molecular Weight	: 41.05
Batch No.	: QF2503214	Grade	: HPLC
Mfg. Date	: March-2025	Retest Date	: February -2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Clear and colorless liquid	Complies
2	Identity (IR)	Passes test	Pass
3	Assay (GC)	NLT 99.9%	99.93 %
4	Density(d20/4)	0.782-0.783	0.782
5	Acidity	NMT 0.0002meq/g	0.0001 meq/g
6	Alkalinity	NMT 0.0002meq/g	0.0001 meq/g
7	Water	NMT 0.03 %	0.01 %
8	Non Volatile substances	NMT 0.0005%	0.0004 %
9	UV Transmittance at 195 nm	NLT 75%	77 %
10	UV Transmittance at 200 nm	NLT 95 %	98%
11	UV Transmittance at 210 nm	NLT 96 %	97 %
12	UV Transmittance at 220 nm	NLT 97%	98.6 %
13	UV Transmittance at 230 nm	NLT 98%	98.4 %
14	UV Transmittance at 240 nm	NLT 99%	99.6 %
15	Gradient elution test at 210 nm	NMT 10mAU	04 mAU
16	Gradient elution test at 254 nm	NMT 5mAU	02 mAU

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

(An ISO 9001 : 2008 & 14001 : 2004 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength