



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	:	Acetonitrile HPLC	<b>CAS No.</b>	:	75-05-8
<b>Molecular Formula</b>	:	CH <sub>3</sub> CN	<b>Molecular Weight</b>	:	41.05
<b>Batch No.</b>	:	QF2512166	<b>Grade</b>	:	HPLC
<b>Mfg. Date</b>	:	December-2025	<b>Retest Date</b>	:	November-2030

<b>Sr. No.</b>	<b>Tests</b>	<b>Specification</b>	<b>Observation</b>
1	Appearance	Clear and colorless liquid	Complies
2	Identity (IR)	Passes test	Pass
3	Assay (GC)	NLT 99.9%	99.94 %
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 %	96%
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	NMT10mAU	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.

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