



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Ethylene Glycol	CAS No.	:	107-21-1
Molecular Formula	:	C ₂ H ₆ O ₂	Molecular Weight	:	62.07 g/mole
Batch No.	:	QF2601156	Grade	:	AR
Mfg. Date	:	January-2026	Retest Date	:	December-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	A Clear very hygroscopic syrupy liquid	Complies
2	Assay	Min 99.5 %	99.82 %
3	Wt.Per ml at 20°C	1.113-1.115 g	1.114 g
4	Refractive Index	1.431 – 1.433	1.433
Maximum limits of impurities:#			
5	Formaldehyde	0.005 %	0.003 %
6	Substance reducing KMnO ₄ (as O)	0.0003 %	0.0001 %
7	Acidity (As CH ₃ COOH)	0.001 %	0.0004 %
8	Boiling Point	196.5 – 198.5 °C	196.7 °C
9	Sulphated Ash	0.005 %	0.004 %
10	Chloride	0.00002 %	< 0.00002 %
11	Iron	0.0001 %	< 0.0001 %
12	Water (H ₂ O)	0.1 %	0.04 %

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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