# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | Acetic acid glacial | **CAS No.** | : | 64-19-7 |
| **Molecular Formula** | : | $CH_3COOH$ | **Molecular Weight** | : | 60.05 gm/mol |
| **Batch No.** | : | QF2611124 | **Grade** | : | LR |
| **Mfg. Date** | : | November-2026 | **Retest. Date** | : | October -2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Clear Colorless Liquid | Complies |
| 2 | Assay | Min 99.5 % | 99.79 % |
| 3 | Wt. per ml. at 20oC | 1.047-1.052g | 1.050 g |
| 4 | Freezing point | Not below 15.5°C | 15.6°C |
| | **Maximum Limits of Impurities:** | | |
| 5 | Non-volatile matter | 0.01 % | 0.003 % |
| 6 | Chloride(Cl) | 0.0005 % | <0.0005 % |
| 7 | Sulphate ($SO_4$) | 0.0005 % | <0.0005 % |
| 8 | Arsenic (As) | 0.0002 % | <0.0002 % |
| 9 | Iron (Fe) | 0.0002 % | <0.0002 % |
| 10 | Lead (Pb) | 0.0002 % | 0.0001 % |

**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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