# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | **:** | L-Alanine | **CAS No.** | **:** | 56-41-7 |
| **Molecular Formula** | : | $C_3H_7NO_2$ | **Molecular Weight** | **:** | 89.09g/mole |
| **Batch No.** | **:** | QF2511123 | **Grade** | **:** | LR |
| **Mfg. Date** | **:** | November-2025 | **Retest. Date** | **:** | October -2030 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Assay | Min 99.0% | 99.59 % |
| | **Maximum limits of impurities:#** | | |
| 2 | Heavy metals(as Pb) | 0.001 % | 0.0004 % |
| 3 | Ammonium(NH4) | 0.01 % | < 0.01% |
| 4 | Foreign amino acids | 0.3 % | 0.1% |
| 5 | ninhydrine-positive substances(as glycine) | 0.1% | 0.06% |

**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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