# Qualikems Lifesciences Pvt. Ltd.

**(Formerly known as Qualikems fine chem Pvt ltd)**
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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | **:** | Manganese Carbonate | **CAS No.** | **:** | 34156-69-9 |
| **Molecular Formula** | **:** | $MnCO_3.xH_2O$ | **Molecular Weight** | **:** | 114.95 (Anh.) g/mole |
| **Batch No.** | **:** | QF2501153 | **Grade** | **:** | LR |
| **Mfg. Date** | **:** | January-2025 | **Retest Date** | **:** | December-2029 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Tan colored powder | Complies |
| 2 | Assay (%Mn) | 43– 46 % | 43.51 % |
| | Maximum Limits of Impurities: | | |
| 3 | Acid insoluble matter (HNO3 + H2O2) | 0.05 % | 0.04 % |
| 4 | Chloride (HCl) | 0.02 % | <0.02% |
| 5 | Sulphate (SO4) | 0.5 % | <0.5% |
| 6 | Iron (Fe) | 0.01 % | <0.01% |

**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