# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | Barium Chloride Dihydrate | **CAS No.** | : | 10326-27-9 |
| **Molecular Formula** | : | $BaCl_2.2H_2O$ | **Molecular Weight** | : | 244.28 g/mole |
| **Batch No.** | : | QF2610338 | **Grade** | : | AR |
| **Mfg. Date** | : | October-2026 | **Retest Date** | : | September-2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | White crystalline powder | Complies |
| 2 | Min. assay | 99.0-100.5% | 99.71 % |
| | **Max. Limits of impurities:** | | |
| 3 | Insoluble matter | 0.005% | Complies |
| 4 | Reaction | pH 5.0-8.0 | 6.14 |
| 5 | Nitrate($NO_3$) | 0.001% | 0.0006 % |
| 6 | Calcium(Ca) | 0.01% | 0.001 % |
| 7 | Copper(Cu) | 0.0005% | 0.0002% |
| 8 | Iron(Fe) | 0.0002% | <0.0002% |
| 9 | Lead(Pb) | 0.0005% | 0.0003 % |
| 10 | Potassium(K) | 0.004% | 0.003 % |
| 11 | Sodium(Na) | 0.005% | 0.004 % |
| 12 | Strontium(Sr) | 0.05% | 0.03 % |

**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.