# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | Silver Nitrate | **CAS No.** | : | 7761-88-8 |
| **Molecular Formula** | : | $AgNO_3$ | **Molecular Weight** | : | 169.87 g/mole |
| **Batch No.** | : | QF2610285 | **Grade** | : | AR |
| **Mfg. Date** | : | October-2026 | **Retest. Date** | : | September-2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | White crystalline powder | Complies |
| 2 | Minimum assay | 99.9 % | 99.94 % |
| | **Max. Limits of impurities:** | | |
| 3 | Alcohol insoluble matter | Passes Test | Complies |
| 4 | Water insoluble matter | 0.003 % | 0.001 % |
| 5 | Chloride (CI) | 0.0005 % | < 0.0005 % |
| 6 | Sulphate ($SO_4$) | 0.0025% | < 0.0025 % |
| 7 | Alkalis and other metals (as sulphate) | 0.05% | 0.03 % |
| 8 | Bismuth (Bi) | 0.0005 % | 0.0002 % |
| 9 | Copper (Cu) | 0.0002% | 0.0001% |
| 10 | Iron (Fe) | 0.0003 % | < 0.0003% |
| 11 | Sodium (Na) | 0.002 % | 0.001% |

**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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