# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | **:** | Ammonium Cerium (iv) Nitrate | **CAS No.** | **:** | 16774-21-3 |
| **Molecular Formula** | **:** | $(NH_4)_2Ce(NO_3)_6$ | **Molecular Weight** | **:** | 548.23 g/mole |
| **Batch No.** | **:** | QF2611187 | **Grade** | **:** | AR |
| **Mfg. Date** | **:** | November-2026 | **Retest. Date** | **:** | October -2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Orange Color Powder | Complies |
| 2 | assay | Min.99.0% | 99.71 % |
| | **Max. Limits of impurities:** | | |
| 3 | Substances insoluble in Water | 0.005% | 0.002 % |
| 4 | Chloride (Cl) | 0.001% | < 0.001 % |
| 5 | Phosphate ($PO_4$) | 0.002% | < 0.002 % |
| 6 | Heavy metals (Pb) | 0.002% | 0.001 % |
| 7 | Iron (Fe) | 0.003 % | < 0.003 % |
| 8 | Sodium (Na) | 0.005 % | 0.002 % |

**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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