# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | Nitric acid 60 % | **CAS No.** | : | 7697-37-2 |
| **Molecular Formula** | : | $HNO_3$ | **Molecular Weight** | : | 63.01 g/mole |
| **Batch No.** | : | QF2610282 | **Grade** | : | LR |
| **Mfg. Date** | : | October-2026 | **Retest. Date** | : | September-2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Colorless to Dark Brown-Yellow Liquid | Complies |
| 2 | Assay | 60 -65% | 60.56 % |
| 3 | Wt. per ml. at 20°C | 1.41 -1.42 g | 1.41 g |
| | **Maximum Limits of Impurities :** | | |
| 4 | Non-volatile matter | 0.01 % | 0.006 % |
| 5 | Hydrochloric acid(HCl) | 0.005 % | 0.002 % |
| 6 | Sulphuric acid($H_2SO_4$) | 0.01 % | 0.002 % |
| 7 | Arsenic (As) | 0.0001 % | <0.0001 % |
| 8 | Iron (Fe) | 0.005 % | <0.005 % |
| 9 | Lead (Pb) | 0.0005 % | 0.0003 % |

**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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