

CERTIFICATE OF ANALYSIS

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|----------------------------|-----------------------------|
| Name of the Product | : Rosmarinic acid |
| CAS No. | : 20283-92-5 |
| Product Code | : GIPL/FP/123 |
| Batch No. | : GIPL/FP/123/00126 |
| AR No. | : QC/FP/123/26/010 |
| Mfg. Date | : Jan-2026 |
| Retest Date | : Dec-2028 |
| Release Date | : 21-Jan-2026 |
| Manufactured By | : Amuna Pharmaceuticals LLP |

| Sr. No. | Test Parameters | Specification Limit | Result |
|---------|---|--|--------------|
| 1. | Description | White to faint beige powder | Complies |
| 2. | Solubility 1mg/mL, water | Clear faint beige or yellow color solution | Complies |
| 3. | Identification by H1-NMR | Confirms the structure by protons | Confirms |
| 4. | Identification by Mass | Confirms to molecular mass $m/z \pm 1$ (m/z of Rosmarinic acid is 360.31) | Confirms |
| 5. | Water content by KF | Not more than 3.0% | 0.65% |
| 6. | Chromatographic Purity by HPLC (% Area) | Not less than 97.0% | 99.53% |
| | Single max unknown impurity (%Area) | Not more than 0.5% | 0.20% |
| 7. | Residue on Ignition (%w/w) | Not more than 0.1% | 0.07% |
| 8. | Residual solvents by GC-HS | | |
| | Ethanol | Not more than 5000 ppm | Not Detected |
| | Ethyl Acetate | Not more than 5000 ppm | Not Detected |

Storage Condition : Storage condition of material is preferred at ambient temperature.

Note:

This is to certify that the batch number above was tested and found to comply with the specifications of the grade listed. The above information is the actual analytical results obtained. It is the responsibility of the final end user to determine suitability based upon the intended use of the end product. Products are for external use and not for direct administration to humans or animals. Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.