

Certificate of Analysis

| | |
|---------------------|-------------|
| Product Name | Punicalagin |
| Catalog No. | V34220 |
| Batch No. | V3422001 |

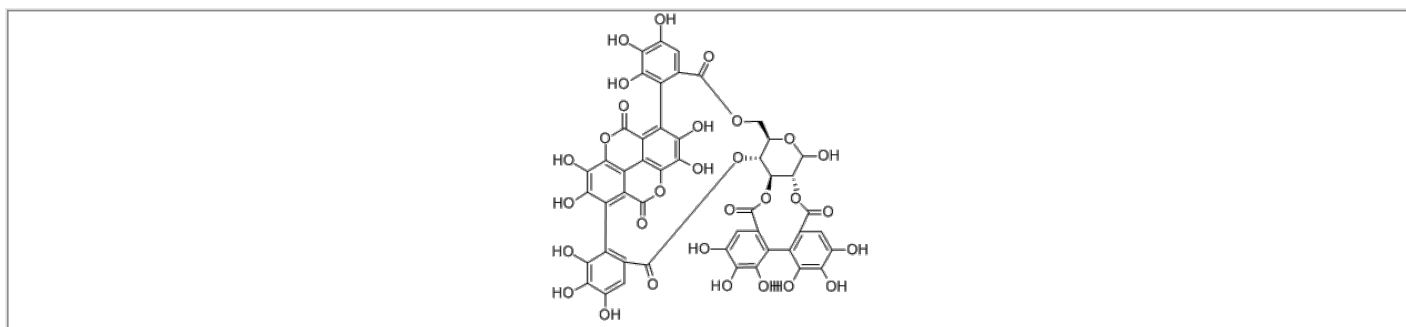
1. Physical and Chemical Properties

| | |
|--------------------------|---|
| Appearance | Powder |
| Molecular Formula | C ₄₈ H ₂₈ O ₃₀ |
| Molecular Weight | 1084.7179 |
| Purity | =98.23% (UV-273 nm) |
| CAS No. | 65995-63-3 |
| Production Date | 2025/01/09 |

2. Analytical Data

| Test Item | Specification | Result |
|-----------|---------------------------|---------------------|
| HPLC | ≥98% | =98.23% (UV-273 nm) |
| NMR | Consistent with structure | Confirms |

3. Structure



4. Storage Condition

| | | | |
|---|------------|-------|----------|
| Storage Condition | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |
| <p>Note: (1). This product requires protection from light (avoid light exposure) during transportation and storage. (2). This product is not stable in solution, please use freshly prepared working solution for optimal results.</p> | | | |

Products are for research use only • Not for human or veterinary use