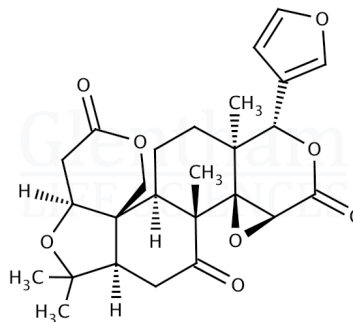


Certificate of Analysis

| | |
|---------------|--------------|
| Product Name | Limonin |
| Glentham Code | GP4085 |
| CAS Number | 1180-71-8 |
| MDL Number | MFCD00075922 |
| PubChem SID | 310275807 |
| Batch Number | 879HAT |

| | |
|-------------------|--|
| Molecular Weight | 470.51 |
| Molecular Formula | C ₂₆ H ₃₀ O ₈ |
| Storage Temp. | +4°C |



| Property | Specification | Batch 879HAT |
|---|--|------------------------------|
| Physical Description | White or almost white powder or crystals | Almost white powder |
| Identification (IR) | To conform to standard | Conforms |
| Solubility (5% in Dichloromethane) | Clear, colourless to faint yellow solution | Clear, faint yellow solution |
| Specific Optical Rotation ([α] _D ²⁰) | -116.0 - -120.0 ° (c=1, acetone) | -119.8° |
| Loss on Drying | ≤ 5.0% (105°C) | 0.2% |
| Purity (HPLC) | ≥ 95.0% | 99.1% |

| | |
|-----------------------|------------|
| Specification Version | v1.1 |
| Manufacture Date | 2024-12-15 |
| Re-Test Date | 2033-01-06 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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