

Certificate of Analysis

Date of Testing: 2023-08-01 15:10:44
Date of Next Testing: 2025-07-21 15:10:44
Product Name: **Betulinic acid**
CAS Number: 472-15-1
Specifications & Purity: analytical standard , >98%
Lot #: C1626004
SKU #: **B101534**
Analysis: **258186**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	98.17 %
Specific Rotation [α] ₂₀ /D(c=0.9 in Pyridine)	6-10 (°)	9.16 °
Water by Karl Fischer	0-2 (%)	1.23 %
Purity(HPLC)	98-100 (%)	98.12520 %
Appearance (B101534)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,1mg/ml in EtOH	Clear and colorless	Clear and colorless



John Su
QA & QC Manager