

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-20 13:54:41

Date of Next Testing: 2027-06-19 13:54:41

Product Name: Betulinic acid
CAS Number: 472-15-1
Specifications & Purity: 97%

Lot #: F2310907 SKU # B123958 Analysis: 226684

Storage Temperature: Store at 2-8°C

 Parameter
 Limit Values
 Result

 Purity(HPLC)
 97-100 (%)
 99.61500 %

 Water by Karl Fischer
 0-5 (%)
 0.36 %

 Purity(Neutralization titration)
 96.5-103.5 (%)
 101.85 %

(after drying)

Specific Rotation [a]20/D(c=0.9 in 6-10 (°) 6.73°

Pyridine)

Appearance (B123958) White to Light yellow to Light orange White to Light yellow to Light orange

powder to crystal powder to crystal

Pass

Solubility in EtOH , Colorless pass

Clear,1 mg/mL

Infrared spectrum Conforms to Structure Conforms to Structure

John Su QA & QC Manager