

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-06-20 13:55:40
Date of Next Testing:	2027-06-19 13:55:40
Product Name:	Betulinic acid
CAS Number:	472-15-1
Specifications & Purity:	97%
Lot #:	F2310909
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) (after drying)	96.5-103.5 (%)	101.85 %
Specific Rotation [α] ₂₀ /D(c=0.9 in Pyridine)	6-10 (°)	6.73 °
Appearance (B123958)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
Solubility in EtOH , Colorless Clear,1 mg/mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager