

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-21 09:58:02

Date of Next Testing: 2026-02-20 09:58:02

Product Name: **Ursolic acid**

CAS Number: 77-52-1

Specifications & Purity: 93%

Lot #: B2216049

SKU #: **U107243**

Analysis: **076233**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in KOH EtOH sol.)	62-66 (°)	64.17°
Purity(GC)	93-100 (%)	99.86 %
Appearance (U107243)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Colorless to Yellow Clear to Slightly Hazy,50mg/ml	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager