

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-21 09:34:21  
Date of Next Testing: 2026-02-20 09:34:21  
Product Name: **Ursolic acid**  
CAS Number: 77-52-1  
Specifications & Purity: 93%  
Lot #: B2216048  
SKU #: **U107243**  
**Analysis:** **076233**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> (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



John Su  
QA & QC Manager