

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-14 13:51:35

Date of Next Testing: 2029-11-13 13:51:35

Product Name: **Ursolic acid**

CAS Number: 77-52-1

Specifications & Purity: $\geq 98\%$

Lot #: K2513707

SKU #: **U118635**

Version: **0**

Analysis #: **596072**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	76.7-79.2 (%)	78.77000 %
Purity(HPLC)	98-100 (%)	99.87300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in KOH EtOH sol.})$	62-66 (°)	65.56000 °
Appearance (U118635)	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