

Certificate of Analysis

Date of Testing: 2024-12-23 14:42:09

Date of Next Testing: 2028-12-22 14:42:09

Product Name: **Ursolic acid**

CAS Number: 77-52-1

Specifications & Purity: $\geq 93\%$

Lot #: L2420104

SKU #: **U107243**

Version: **0**

Analysis #: **453645**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in KOH EtOH sol.})$	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