

## Certificate of Analysis

Date of Testing: 2025-02-21 11:30:03

Date of Next Testing: 2029-02-20 11:30:03

Product Name: **Ursolic acid**

CAS Number: 77-52-1

Specifications & Purity:  $\geq 93\%$

Lot #: B2515037

SKU #: **U107243**

Version: **0**

Analysis #: **474976**

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                      |



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