

## Certificate of Analysis

Date of Testing: 2022-07-05 16:43:49

Date of Next Testing: 2026-07-04 16:43:49

Product Name: **3-O-Ethyl-L-ascorbic Acid**

CAS Number: 86404-04-8

Specifications & Purity: >98.0%(HPLC)(T)

Lot #: F2228492

SKU #: **O159940**

**Analysis:** **092727**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                            | 112-116 (°C)          | 114.38000 °C          |
| Purity(HPLC)                                             | 98-100 (%)            | 99.86300 %            |
| Purity(Neutralization titration)                         | 97.5-102.5 (%)        | 100.50 %              |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 45-49 (°)             | 47.65 °               |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager