

## Certificate of Analysis

Date of Testing: 2025-04-10 18:27:14

Date of Next Testing: 2029-04-09 18:27:14

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

CAS Number: 86404-04-8

Specifications & Purity: Moligand™, ≥98%(HPLC)(T)

Lot #: D2508576

SKU #: **O159940**

Version: **0**

Analysis #: **488856**

Storage Temperature: Store at 2-8°C

| Parameter                                           | Limit Values          | Result                |
|-----------------------------------------------------|-----------------------|-----------------------|
| Melting point                                       | 112-116 (°C)          | 115.69000 °C          |
| Purity(HPLC)                                        | 98-100 (%)            | 99.66500 %            |
| Purity(Neutralization titration)                    | 97.5-102.5 (%)        | 100.83 %              |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH) | 45-49 (°)             | 45.30°                |
| Proton NMR spectrum                                 | Conforms to Structure | Conforms to Structure |



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