

Certificate of Analysis

Date of Testing: 2024-11-19 09:18:40

Date of Next Testing: 2028-11-18 09:18:40

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

CAS Number: 86404-04-8

Specifications & Purity: $\geq 98\%$ (HPLC)(T)

Lot #: K2415478

SKU #: **O159940**

Version: **0**

Analysis #: **432431**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	112-116 (°C)	114.21000 °C
Purity(HPLC)	98-100 (%)	99.75600 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.50 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	45-49 (°)	48.02 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager