

Certificate of Analysis

Date of Testing: 2023-12-19 09:28:41

Date of Next Testing: 2027-12-18 09:28:41

Product Name: **L-Lysine methyl ester dihydrochloride**

CAS Number: 26348-70-9

Specifications & Purity: 98%

Lot #: C2003136

SKU #: **L100451**

Analysis: **305883**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.8-12 (%)	11.92 %
Carbon by Elemental Analysis	35.6-36.4 (%)	36.27 %
Purity(HPLC)	98-100 (%)	99.24000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	13-19 (°)	15.91 °
Appearance (L100451)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager