

Certificate of Analysis

Date of Testing: 2025-06-11 13:39:52

Date of Next Testing: 2029-06-10 13:39:52

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

CAS Number: 26348-70-9

Specifications & Purity: $\geq 98\%$

Lot #: I2107492

SKU # **L100451**

Version **0**

Analysis #: **522284**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.8-12 (%)	11.90%
Carbon by Elemental Analysis	35.6-36.4 (%)	35.80%
Purity(HPLC)	98-100 (%)	98.20000%
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	13-19 (°)	16.20°
Appearance (L100451)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager