

Certificate of Analysis

Date of Testing: 2025-03-12 10:32:45

Date of Next Testing: 2029-03-11 10:32:45

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

CAS Number: 26348-70-9

Specifications & Purity: $\geq 98\%$

Lot #: C2506516

SKU #: **L100451**

Version: **0**

Analysis #: **372414**

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

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	13-19 (°)	16.40°
Nitrogen by Elemental Analysis	11.8-12 (%)	11.90%
Carbon by Elemental Analysis	35.6-36.4 (%)	36.00%
Purity(HPLC)	98-100 (%)	99.80000%
Appearance (L100451)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager