

Certificate of Analysis

Date of Testing: 2023-03-01 17:27:06
Date of Next Testing: 2027-02-28 17:27:06
Product Name: **L-Ornithine Dihydrochloride**
CAS Number: 6211-16-1
Specifications & Purity: 98%
Lot #: B2324547
SKU #: **S161189**
Analysis: **165921**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(with Total Nitrogen)	98-102.5 (%)	99.71 %
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	16-19 (°)	16.25°
Appearance(S161189)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager