

Certificate of Analysis

Date of Testing: 2022-08-16 14:10:32

Date of Next Testing: 2024-08-15 14:10:32

Product Name: **D-Lysine**

CAS Number: 923-27-3

Specifications & Purity: $\geq 98\%$

Lot #: H2211375

SKU #: **D420109**

Analysis: **125881**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.61200 %
Specific Rotation $[\alpha]_{25}^{\text{D}}/(\text{c}=1 \text{ in H}_2\text{O})$	-16--12 ($^{\circ}$)	-12.91 $^{\circ}$
Water by Karl Fischer	0-5 (%)	3.79 %
Appearance(D420109)	white to off-white powder, crystals or chunks	White to off-white Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager