

Certificate of Analysis

Date of Testing: 2024-07-05 12:43:10

Date of Next Testing: 2028-07-04 12:43:10

Product Name: **L-Citrulline**

CAS Number: 372-75-8

Specifications & Purity: 98%

Lot #: G2403201

SKU #: **C109228**

Version: **0**

Analysis #: **345300**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.00000 %
Carbon by Elemental Analysis	40.3-42 (%)	40.67 %
Purity(NonaqueousTitration)	98-100 (%)	98.29 %
Specific Rotation [a] ₂₀ /D(c=8 in 6N HCl)	25-27 (°)	26.57 °
Nitrogen by Elemental Analysis	23.5-24.4 (%)	23.56 %
Appearance (C109228)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager