

Certificate of Analysis

Date of Testing: 2025-08-29 18:48:11
Date of Next Testing: 2029-08-28 18:48:11
Product Name: **L-Citrulline**
CAS Number: 372-75-8
Specifications & Purity: Moligand™, ≥97%
Lot #: H2522436
SKU #: **C109228**
Version: **1**
Analysis #: **553025**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	23.5-24.4 (%)	24.07%
Specific Rotation [α] ₂₀ /D(c=8 in 6N HCl)	25-27 (°)	25.16°
Carbon by Elemental Analysis	40.3-42 (%)	41.16%
Purity(HPLC)	98-100 (%)	99.63200%
Appearance (C109228)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager