

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-23 15:58:51

Date of Next Testing: 2026-02-22 15:58:51

Product Name: **L-Citrulline**

CAS Number: 372-75-8

Specifications & Purity: 98%

Lot #: D1820086

SKU #: **C109228****Analysis: 077225**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	23.5-24.4 (%)	24.30 %
Specific Rotation [α] ₂₀ /D(c=8 in 6N HCl)	25-27 (°)	25.24°
Purity(Nonaqueous Titration)	98-100 (%)	98.15 %
Carbon by Elemental Analysis	40.3-42 (%)	41.99 %
Purity(HPLC)	98-100 (%)	99.63600 %
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