

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-16 18:26:45

Date of Next Testing: 2029-05-15 18:26:45

Product Name: **L-Tyrosine**

CAS Number: 60-18-4

Specifications & Purity: Animal Free, USP, JP, Moligand™, Ph.Eur., for cell culture, ≥99%

Lot #: E2513003

SKU #: **T115962**

Version: **1**

Analysis #: **069746**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Ammonia (NH ₄)	0-0.02 (%)	0.01200 %
Chloride	0-0.04 (%)	0.02200 %
Heavy metals	0-15 (ppm)	4.00000 ppm
Ignition Residue	0-0.4 (%)	0.00000 %
Sulfate(SO ₄ 2-)	0-0.04 (%)	0.03200 %
Assay	99-101 (%)	99.56100 %
Iron(Fe)	0-30 (ppm)	2.40000 ppm
Loss on drying	0-0.3 (%)	0.00000 %
Specific Rotation [α] ₂₀ /D(c=5 in 1 M HCl)	-12.1--11.3 (°)	-11.30100 °
Appearance (T115962)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Cell Culture Test	pass	Pass
Identity by IR	Conforms to Structure	Conforms to Structure
Origin	non-animal source	non-animal source
Residual solvents	complies	complies
Solubility in 1 M HCl , Colorless to faint yellow, Clear , 25mg/ml	pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager