

Certificate of Analysis

Date of Testing: 2025-06-16 13:46:24
 Date of Next Testing: 2029-06-15 13:46:24
 Product Name: **L-Tyrosine**
 CAS Number: 60-18-4
 Specifications & Purity: Moligand™, Animal Free, USP, JP, Ph.Eur., for cell culture, ≥99%
 Lot #: G2128121
 SKU #: **T115962**
 Version: **1**
 Analysis #: **511722**
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	0-0.3 (%)	0.00 %
Chloride	0-0.04 (%)	0.01 %
Heavy metals	0-15 (ppm)	4.00 ppm
Ignition Residue	0-0.4 (%)	0.40 %
Assay	99-100 (%)	99.84 %
Iron(Fe)	0-30 (ppm)	0.00 ppm
Ammonia (NH ₄)	0-0.02 (%)	0.02 %
Sulfate(SO ₄ ²⁻)	0-0.04 (%)	0.04 %
Specific Rotation [α] ₂₀ /D(c=5 in 1 M HCl)	-12.1--11.3 (°)	-11.63 °
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
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
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager