

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-08 09:07:13
Date of Next Testing:	2029-04-07 09:07:13
Product Name:	trans-4-Hydroxy-L-proline
CAS Number:	51-35-4
Specifications & Purity:	Moligand™, for cell culture, ≥98.5%
Lot #:	F2325515
SKU #	T485298
Version	1
Analysis #:	685066
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98.5-100 (%)	99.81000 %
Specific rotation [α] ₂₀ /D(C=1, H ₂ O, 20°C)	-77--74 (°)	-74.78000 °
Chloride (Cl ⁻)	0-0.02 (%)	0.00000 %
Ammonium (NH ₄)	0-0.02 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.03 (%)	0.00000 %
Iron(Fe)	0-10 (ppm)	0.00000 ppm
Heavy metals	0-10 (ppm)	0.46000 ppm
Arsenic(As)	0-1 (ppm)	0.56000 ppm
Loss on drying	0-0.5 (%)	0.02010 %
Residue on ignition(Ash)	0-0.1 (%)	0.01000 %
Endotoxin Assay	0-1 (EU/mg)	0.12300 EU/mg
Appearance(T485298)	White Crystalline Powder	white crystalline powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Cell Culture Test	pass	Pass



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

John Su
QA & QC Manager