

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-27 09:05:52

Date of Next Testing: 2029-08-26 09:05:52

Product Name: **trans-4-Hydroxy-L-proline**

CAS Number: 51-35-4

Grades & Purity: Moligand™, for cell culture, ≥98.5%

Lot #: H2621037

SKU #: **T485298**

Version: **1**

Analysis #: **763451**

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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su". The signature is fluid and cursive, with the first letters of each name being capitalized.

John Su
QA & QC Manager