

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **trans-4-Hydroxy-L-proline**
Specifications & Purity: BioReagent, suitable for cell culture, $\geq 98.5\%$
SKU #: **T485298**

Parameter	Limit Values
Appearance(T485298)	White Crystalline Powder
Purity(HPLC area)	98.5-100 (%)
NMR Spectrum 1H	Conforms to structure
Specific rotation $[\alpha]_{20/D}(C=1, H_2O, 20^\circ C)$	-77--74 (°)
Chloride (Cl-)	0-0.02 (%)
Ammonium (NH ₄)	0-0.02 (%)
Sulfate(SO ₄ ²⁻)	0-0.03 (%)
Iron(Fe)	0-10 (ppm)
Heavy metals	0-10 (ppm)
Arsenic(As)	0-1 (ppm)
Loss on drying	0-0.5 (%)
Residue on ignition(Ash)	0-0.1 (%)
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass
Endotoxin Assay	0-1 (EU/mg)
Cell Culture Test	pass