

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-07 09:54:53

Date of Next Testing: 2026-05-06 09:54:53

Product Name: **L-Pipecolic acid**

CAS Number: 3105-95-1

Specifications & Purity: $\geq 98\%$

Lot #: G1802128

SKU #: **P106214**

Version: **1**

Analysis #: **088898**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.50000 %
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	-28--25 (°)	-26.40000 °
Appearance (P106214)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager