

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-24 21:18:16
 Date of Next Testing: 2027-02-23 21:18:16
 Product Name: (S)-3-Amino-1,2-propanediol
 CAS Number: 61278-21-5
 Specifications & Purity: ≥98%
 Lot #: B2322167
 SKU #: A103187
 Version: 1
 Analysis #: 100864
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.70000 %
Purity(GC)	98-100 (%)	99.29100 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	-4--2 (°)	-2.42200 °
Melting point	51-58 (°C)	55.65000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (A103187)	white to yellow solid or liquid	white to yellow solid or liquid



John Su
QA & QC Manager