

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-03-28 18:50:11

Date of Next Testing: 2029-03-27 18:50:11

Product Name: (S)-3-Amino-1,2-propanediol

CAS Number: 61278-21-5

Specifications & Purity: 98%

Lot #: C2519228

SKU #: S49004

Version: 0

Analysis #: 489861

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	-4--2 (°)	-2.42 °
Melting point	51-58 (°C)	55.65000 °C
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.70 %
Purity(GC)	98-100 (%)	99.29 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S49004)	white to yellow solid or liquid	white to yellow solid or liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

