

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-15 09:59:50

Date of Next Testing: 2029-04-14 09:59:50

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

CAS Number: 60827-45-4

Specifications & Purity: 97%

Lot #: D2510133

SKU #: S71195

Version: 0

Analysis #: 500073

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.478-1.482	1.48
Enantiometric Excess	97-100 (%)	98.99 %
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	7.5-10.5 (°)	8.15 °
Purity(GC)	97-100 (%)	99.21 %
Density (25°C)	1.321-1.324	1.32
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S71195)	Colorless to Yellow Liquid	Colorless to Yellow Liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

