

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-14 11:05:58
 Date of Next Testing: 2030-04-13 11:05:58
 Product Name: **(R)-(-)-3-Chloro-1,2-propanediol**
 CAS Number: 57090-45-6
 Specifications & Purity: $\geq 97\%$
 Lot #: D2609264
 SKU #: **C106058**
 Version: **1**
 Analysis #: **679012**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Optical purity(ee)	98-100 (%)	99.52580 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-1.2--0.8 (°)	-1.02400 °
Refractive index $n_{20/D}$	1.479-1.481	1.47980
Density (20°C)	1.321-1.325	1.32350
Purity(GC)	97-100 (%)	99.28000 %
Appearance (C106058)	Colorless to Yellow to Orange Liquid	Colorless to Yellow to Orange Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
 QA & QC Manager