

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-09 10:47:19

Date of Next Testing: 2029-04-08 10:47:19

Product Name: **(S)-(+)-1,2-Propanediol**

CAS Number: 4254-15-3

Specifications & Purity: $\geq 98\%$

Lot #: G2110030

SKU # **P101750**

Version **0**

Analysis #: **491488**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.431-1.434	1.43200
Specific Rotation [α] _{20/D}	14.5-18.5 (°)	17.30000°
Purity(GC)	98-100 (%)	98.09000 %
Appearance (P101750)	Colorless to light yellow to orange liquid	Colorless to light yellow to orange liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager