

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-21 14:42:10  
Date of Next Testing: 2029-10-20 14:42:10  
Product Name: **(R)-(-)-1,2-Propanediol**  
CAS Number: 4254-14-2  
Specifications & Purity:  $\geq 99\%$   
Lot #: C1819072  
SKU #: **P101749**  
Version: **2**  
Analysis #: **589997**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.431-1.434	1.43
Purity(GC)	99-100 (%)	99.39 %
Specific Rotation [α] <sub>20</sub> /D	-18--15 (°)	-15.74°
Appearance (P101749)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager