

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-22 11:44:30
Date of Next Testing: 2029-01-21 11:44:30
Product Name: **(R)-(-)-1,2-Propanediol**
CAS Number: 4254-14-2
Specifications & Purity: $\geq 99\%$
Lot #: A2517074
SKU #: **P101749**
Version: **2**
Analysis #: **102728**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.431-1.434	1.43
Purity(GC)	99-100 (%)	99.51%
Specific Rotation [α] ₂₀ /D	-18--15 (°)	-16.69°
Density (20°C)	1.035-1.039	1.04
Appearance (P101749)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager