

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 13:33:23

Date of Next Testing: 2026-09-19 13:33:23

Product Name: **(R)-(-)-1,2-Propanediol**

CAS Number: 4254-14-2

Specifications & Purity: $\geq 99\%$

Lot #: I2215262

SKU # **P101749**

Version **2**

Analysis #: **102728**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.431-1.434	1.43230
Purity(GC)	99-100 (%)	99.50600 %
Specific Rotation [α] _{20/D}	-18--15 (°)	-16.69030 °
Density (20°C)	1.035-1.039	1.03700
Appearance (P101749)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager