

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-23 15:30:08

Date of Next Testing: 2026-11-22 15:30:08

Product Name: **1,2-Propanediol**

CAS Number: 57-55-6

Specifications & Purity: ACS, ≥99.5%

Lot #: K2221023

SKU #: **P103433**

Version: **0**

Analysis #: **154796**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.431-1.435	1.43300
Chloride (Cl ⁻)	0-1 (ppm)	0.20000 ppm
Water by Karl Fischer	0-0.2 (%)	0.11920 %
Ignition Residue	0-0.005 (%)	0.00000 %
Titration Acid	0-0.0005 (mg/g)	0.00000 mg/g
Purity(GC)	99.5-100 (%)	99.91300 %
Appearance (P103433)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager