

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-25 14:00:08

Date of Next Testing: 2027-07-24 14:00:08

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

CAS Number: 57-55-6

Specifications & Purity: AR, ≥99%

Lot #: G2319043

SKU #: **P103430**

Version: **0**

Analysis #: **117823**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.431-1.435	1.43
Density (20°C)	1.036-1.04	1.04
Purity(GC)	99-100 (%)	99.01 %
Appearance (P103430)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager