

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-01 15:03:33

Date of Next Testing: 2030-07-31 15:03:33

Product Name: **1,3-Propanediol**

CAS Number: 504-63-2

Specifications & Purity:  $\geq 98\%$

Lot #: G2624117

SKU #: **P108208**

Version: **0**

Analysis #: **740681**

Storage Temperature: Room temperature, Desiccated

| Parameter                          | Limit Values                       | Result                             |
|------------------------------------|------------------------------------|------------------------------------|
| Refractive index n <sub>20/D</sub> | 1.438-1.441                        | 1.43820                            |
| Density (20°C)                     | 1.053-1.056                        | 1.05310                            |
| Water by Karl Fischer              | 0-0.5 (%)                          | 0.02180 %                          |
| Purity(GC)                         | 98-100 (%)                         | 99.92600 %                         |
| Appearance (P108208)               | Colorless to Yellow Viscous Liquid | Colorless to Yellow Viscous Liquid |
| Infrared spectrum                  | Conforms to Structure              | Conforms to Structure              |
| Proton NMR spectrum                | Conforms to Structure              | Conforms to Structure              |



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QA & QC Manager