

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-19 13:20:18

Date of Next Testing: 2026-07-18 13:20:18

Product Name: **(±)-1,3-Butanediol**

CAS Number: 107-88-0

Specifications & Purity:  $\geq 98\%$

Lot #: G2205127

SKU #: **B111018**

Version: **1**

Analysis #: **058885**

Storage Temperature: Room temperature

| Parameter                           | Limit Values     | Result           |
|-------------------------------------|------------------|------------------|
| Density (20°C)                      | 1.004-1.007      | 1.00700          |
| Purity(GC)                          | 98-100 (%)       | 99.81400 %       |
| Refractive index n <sub>20</sub> /D | 1.4385-1.4405    | 1.44027          |
| Appearance (B111018)                | Colorless Liquid | Colorless liquid |



John Su  
QA & QC Manager