

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-03 14:12:16

Date of Next Testing: 2026-07-02 14:12:16

Product Name: **2-Butanol**

CAS Number: 78-92-2

Specifications & Purity:  $\geq 99\%$

Lot #: F2220093

SKU #: **B110362**

Version: **0**

Analysis #: **098585**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.396-1.398           | 1.39690               |
| Density (20°C)                      | 0.806-0.808           | 0.80700               |
| Purity(GC)                          | 99-100 (%)            | 99.41100 %            |
| Appearance (B110362)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager