

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-04-17 14:22:45

Date of Next Testing: 2030-04-16 14:22:45

Product Name: **n-Butanol (NBA)**

CAS Number: 71-36-3

Specifications & Purity: Premium-Grade Reagents, ≥99%

Lot #: D2615295

SKU #: **B111571**

Version: **4**

Analysis #: **691435**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                   | Limit Values           | Result                 |
|-------------------------------------------------------------|------------------------|------------------------|
| Color test (APHA)                                           | 0-10 (APHA)            | 0.00000 APHA           |
| Density (20°C)                                              | 0.808-0.811 (g/ml)     | 0.80960 g/ml           |
| Iron(Fe)                                                    | 0-0.5 (ppm)            | 0.00000 ppm            |
| Esers(As CH <sub>3</sub> COOC <sub>4</sub> H <sub>9</sub> ) | 0-0.1 (%)              | 0.00000 %              |
| Evaporation Residue                                         | 0-0.001 (%)            | 0.00000 %              |
| Water by Karl Fischer                                       | 0-0.2 (%)              | 0.01570 %              |
| Assay(GC)                                                   | 99-100 (%)             | 99.94200 %             |
| Carbonly compounds (As CO)                                  | 0-0.02 (%)             | 0.00000 %              |
| Acidity(as H <sup>+</sup> )                                 | 0-0.0005 (mmol/g)      | 0.00000 mmol/g         |
| Unsaturated compounds(Br)                                   | 0-0.005 (%)            | 0.00500 %              |
| Appearance (B111571)                                        | Colorless Clear Liquid | Colorless clear liquid |
| Readily carbonizable substance                              | pass                   | Pass                   |



John Su  
QA & QC Manager