

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-12 18:14:00  
 Date of Next Testing: 2030-03-11 18:14:00  
 Product Name: **n-Butanol (NBA)**  
 CAS Number: 71-36-3  
 Specifications & Purity: HPLC grade, ≥99.7%(GC)  
 Lot #: C2611228  
 SKU #: **B111575**  
 Version: **1**  
 Analysis #: **663161**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                         | Limit Values          | Result                |
|---------------------------------------------------|-----------------------|-----------------------|
| UV Absorbance 220nm                               | 0-0.7                 | 0.12200               |
| Refractive index n <sub>20</sub> /D               | 1.398-1.4             | 1.39970               |
| UV Absorbance 280nm                               | 0-0.01                | 0.00000               |
| UV Absorbance 225nm                               | 0-0.5                 | 0.05700               |
| Purity(GC)                                        | 99.7-100 (%)          | 99.91800 %            |
| Evaporation Residue                               | 0-2 (mg/L)            | 0.00000 mg/L          |
| UV Absorbance 235nm                               | 0-0.1                 | 0.00400               |
| free acid (as C <sub>3</sub> H <sub>7</sub> COOH) | 0-0.002 (%)           | 0.00000 %             |
| UV Absorbance 400nm                               | 0-0.01                | 0.00000               |
| Water by Karl Fischer                             | 0-0.1 (%)             | 0.00930 %             |
| UV Absorbance 240nm                               | 0-0.1                 | 0.00000               |
| UV Absorbance 260nm                               | 0-0.04                | 0.00000               |
| UV Absorbance 210nm                               | 0-1                   | 0.43400               |
| Appearance (B111575)                              | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                                 | Conforms to Structure | Conforms to Structure |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager