

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-02 16:29:11
Date of Next Testing: 2028-07-01 16:29:11
Product Name: **n-Butanol**
CAS Number: 71-36-3
Specifications & Purity: ACS, $\geq 99.4\%$
Lot #: F2428386
SKU #: **B111578**
Version: **0**
Analysis #: **372790**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--------------------------------------|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.398-1.4 | 1.40 |
| Water by Karl Fischer | 0-0.1 (%) | 0.08 % |
| Purity(GC) | 99.4-100 (%) | 99.67 % |
| Titration Acid | 0-0.0008 (mg/g) | 0.00 mg/g |
| Evaporation Residue | 0-0.005 (%) | 0.00 % |
| Color scale | 0-10 (APHA) | 5.00 APHA |
| Carbonyl compounds(as butyraldehyde) | 0-0.01 (%) | 0.00 % |
| Butyl ether | 0-0.2 (%) | 0.00 % |
| Appearance (B111578) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager