

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-19 13:41:17  
Date of Next Testing: 2030-05-18 13:41:17  
Product Name: **n-Butanol (NBA)**  
CAS Number: 71-36-3  
Specifications & Purity: HPLC grade,  $\geq 99.7\%$ (GC)  
Lot #: E2615519  
SKU #: **B111575**  
Version: **1**  
Analysis #: **697527**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.7	0.25750
Refractive index n <sub>20</sub> /D	1.398-1.4	1.39920
UV Absorbance 280nm	0-0.01	0.00000
UV Absorbance 225nm	0-0.5	0.16900
Purity(GC)	99.7-100 (%)	99.84100 %
Evaporation Residue	0-2 (mg/L)	0.00000 mg/L
UV Absorbance 235nm	0-0.1	0.05770
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 (%)	0.00990 %
UV Absorbance 240nm	0-0.1	0.03090
UV Absorbance 260nm	0-0.04	0.00000
UV Absorbance 210nm	0-1	0.62400
Appearance (B111575)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager