

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-06-16 15:14:56
Date of Next Testing:	2029-06-15 15:14:56
Product Name:	<b>n-Butanol (NBA)</b>
CAS Number:	71-36-3
Specifications & Purity:	Premium-Grade Reagents, ≥99%
Lot #:	F2510237
SKU #	<b>B111571</b>
Version	<b>4</b>
Analysis #:	<b>519326</b>
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
Color test (APHA)	0-10 (APHA)	0.00 APHA
Iron(Fe)	0-0.5 (ppm)	0.00 ppm
Esters(As CH <sub>3</sub> COOC <sub>4</sub> H <sub>9</sub> )	0-0.1 (%)	0.00 %
Evaporation Residue	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-0.2 (%)	0.04 %
Assay(GC)	99-100 (%)	99.81900 %
Carbonly compounds (As CO)	0-0.02 (%)	0.00000 %
Acidity(as H <sup>+</sup> )	0-0.0005 (mmol/g)	0.00 mmol/g
Density (20°C)	0.808-0.811 (g/ml)	0.81 g/ml
Unsaturated compounds(Br)	0-0.005 (%)	0.01 %
Appearance (B111571)	Colorless Clear Liquid	Colorless clear liquid
Readily carbonizable substance	pass	Pass



John Su  
QA & QC Manager