

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-28 16:33:58
 Date of Next Testing: 2029-10-27 16:33:58
 Product Name: **n-Butanol (NBA)**
 CAS Number: 71-36-3
 Specifications & Purity: ACS, ≥99.4%
 Lot #: J2527290
 SKU #: **B111578**
 Version: **2**
 Analysis #: **593336**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.398-1.4	1.39930
Water by Karl Fischer	0-0.1 (%)	0.03160 %
Purity(GC)	99.4-100 (%)	99.87900 %
Evaporation Residue	0-0.005 (%)	0.00000 %
Color scale	0-10 (APHA)	0.00000 APHA
Butyl ether	0-0.2 (%)	0.00000 %
Titration Acid	0-0.0008 (meq/g)	0.00000 meq/g
Carbonyl compounds(as butyraldehyde)	0-0.01 (%)	0.01000 %
Appearance (B111578)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager