

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-01 17:31:00
Date of Next Testing:	2028-06-30 17:31:00
Product Name:	n-Butanol
CAS Number:	71-36-3
Specifications & Purity:	ACS, ≥99.4%
Lot #:	F2428385
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