

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-29 15:34:12
 Date of Next Testing: 2027-03-28 15:34:12
 Product Name: **n-Butanol**
 CAS Number: 71-36-3
 Specifications & Purity: Analytical Reagent, 99%
 Lot #: C2324322
 SKU #: **B111571**
Analysis: **204958**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Color test (APHA)	0-10 (APHA)	2.00 APHA
Carbonly compounds	0-0.02 (%)	0.00 %
Density (20°C)	0.808-0.811 (g/ml)	0.81 g/ml
Iron(Fe)	0-0.5 (ppm)	0.10 ppm
Esters(As CH ₃ COOC ₄ H ₉)	0-0.1 (%)	0.00 %
Evaporation Residue	0-0.001 (%)	0.00 %
Assay	99-100 (%)	99.74 %
Unsaturated compounds(Br)	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.2 (%)	0.04 %
Acidity(as H ⁺)	0-0.005 (μmol/g)	0.00 μmol/g
Appearance (B111571)	Colorless liquid	Colorless liquid
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager