

Certificate of Analysis

Date of Testing: 2022-09-06 10:02:00
Date of Next Testing: 2026-09-05 10:02:00
Product Name: **n-Butanol**
CAS Number: 71-36-3
Specifications & Purity: ACS, ≥99.4%
Lot #: I2201241
SKU #: **B111578**
Analysis: **131716**
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 (%)	0.04%
Purity(GC)	99.4-100 (%)	99.91%
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
Evaporation Residue	0-0.005 (%)	0.00%
Color scale	0-10 (APHA)	3.80 APHA
Butyl ether	0-0.2 (%)	0.05%
Carbonyl compounds(as butyraldehyde)	0-0.01 (%)	0.00%
Appearance (B111578)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager