

Certificate of Analysis

Date of Testing: 2025-01-08 19:13:47

Date of Next Testing: 2029-01-07 19:13:47

Product Name: **n-Butanol**

CAS Number: 71-36-3

Specifications & Purity: ACS, ≥99.4%

Lot #: A2506068

SKU # **B111578**

Version **2**

Analysis #: **454597**

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 (%)	0.03 %
Purity(GC)	99.4-100 (%)	99.91 %
Evaporation Residue	0-0.005 (%)	0.00 %
Color scale	0-10 (APHA)	0.00 APHA
Butyl ether	0-0.2 (%)	0.00 %
Titration Acid	0-0.0008 (meq/g)	0.00000 meq/g
Carbonyl compounds(as butyraldehyde)	0-0.01 (%)	0.01 %
Appearance (B111578)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager