

## Certificate of Analysis

Date of Testing: 2022-12-01 17:52:13  
Date of Next Testing: 2026-11-30 17:52:13  
Product Name: **n-Butanol**  
CAS Number: 71-36-3  
Specifications & Purity: anhydrous,99.8%  
Lot #: K2218190  
SKU #: **B119677**  
**Analysis: 144239**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.398-1.4	1.40
Purity(GC)	99.8-100 (%)	99.82 %
Water by Karl Fischer	0-0.005 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Color scale	0-5 (APHA)	3.00 APHA
Appearance (B119677)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager