

## Certificate of Analysis

Date of Testing: 2023-06-07 14:43:23  
Date of Next Testing: 2025-05-27 14:43:23  
Product Name: **n-Butanol**  
CAS Number: 71-36-3  
Specifications & Purity: for molecular biology,  $\geq 99\%$   
Lot #: I2106021  
SKU #: **B111580**  
**Analysis:** **236749**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.03 %
Purity(GC)	99-100 (%)	99.22 %
Appearance (B111580)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Test for molecular biology	Pass	Pass



John Su  
QA & QC Manager