

## Certificate of Analysis

Date of Testing: 2024-08-22 15:30:05  
Date of Next Testing: 2026-08-12 15:30:05  
Product Name: **n-Butanol**  
CAS Number: 71-36-3  
Specifications & Purity: for molecular biology,  $\geq 99\%$   
Lot #: K2205097  
SKU #: **B111580**  
Version: **0**  
Analysis #: **403060**  
Storage Temperature: Desiccated

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Water by Karl Fischer      | 0-0.05 (%)            | 0.01%                 |
| Purity(GC)                 | 99-100 (%)            | 99.70%                |
| 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                  |



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QA & QC Manager