

## Certificate of Analysis

Date of Testing: 2023-02-08 16:04:41  
Date of Next Testing: 2027-02-07 16:04:41  
Product Name: **n-Butanol**  
CAS Number: 71-36-3  
Specifications & Purity: >99.5%(GC)  
Lot #: B23031132  
SKU #: **B111577**  
**Analysis: 184902**  
Storage Temperature: Argon charged,Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.398-1.402           | 1.40                  |
| Color scale                         | 0-5 (APHA)            | 5.00 APHA             |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.09 %                |
| Purity(GC)                          | 99.5-100 (%)          | 99.78 %               |
| Evaporation Residue                 | 0-0.005 (%)           | 0.00 %                |
| Appearance (B111577)                | Colorless Liquid      | Colorless liquid      |
| Filt.over 0.2 micron                | PFTE                  | PFTE                  |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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