

Certificate of Analysis

Date of Testing: 2023-12-26 11:51:33
Date of Next Testing: 2027-12-25 11:51:33
Product Name: **n-Butanol**
CAS Number: 71-36-3
Specifications & Purity: Analytical Reagent,99%
Lot #: L2321489
SKU #: **B111571**
Analysis: **308915**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|--------------------|------------------|
| Color test (APHA) | 0-10 (APHA) | 2.00 APHA |
| Carbonly compounds | 0-0.02 (%) | 0.00 % |
| Density (20°C) | 0.808-0.811 (g/ml) | 0.81 g/ml |
| Iron(Fe) | 0-0.5 (ppm) | 0.02 ppm |
| Esters(As CH ₃ COOC ₄ H ₉) | 0-0.1 (%) | 0.00 % |
| Evaporation Residue | 0-0.001 (%) | 0.00 % |
| Assay | 99-100 (%) | 99.65 % |
| Unsaturated compounds(Br) | 0-0.005 (%) | 0.00 % |
| Water by Karl Fischer | 0-0.2 (%) | 0.06 % |
| Acidity(as H ⁺) | 0-0.005 (μmol/g) | 0.00 μmol/g |
| Appearance (B111571) | Colorless liquid | Colorless liquid |
| Readily carbonizable substance | pass | Pass |



John Su
QA & QC Manager