

## Certificate of Analysis

Date of Testing: 2025-04-25 13:14:53

Date of Next Testing: 2029-04-24 13:14:53

Product Name: **n-Butanol**

CAS Number: 71-36-3

Specifications & Purity: Basic-Grade Reagents, ≥98%

Lot #: D2511275

SKU #: **B111573**

Version: **2**

Analysis #: **503377**

Storage Temperature: Desiccated

| Parameter                                                   | Limit Values           | Result                 |
|-------------------------------------------------------------|------------------------|------------------------|
| Evaporation Residue                                         | 0-0.005 (%)            | 0.00 %                 |
| Iron(Fe)                                                    | 0-0.0001 (%)           | 0.00 %                 |
| Esers(As CH <sub>3</sub> COOC <sub>4</sub> H <sub>9</sub> ) | 0-0.3 (%)              | 0.00 %                 |
| Color Test                                                  | 0-15                   | 0.10                   |
| Assay(GC)                                                   | 98-100 (%)             | 99.92000 %             |
| Density (20°C)                                              | 0.808-0.811 (g/ml)     | 0.81 g/ml              |
| Unsaturated compounds(Br)                                   | 0-0.05 (%)             | 0.00 %                 |
| Carbonly compounds (As CO)                                  | 0-0.04 (%)             | 0.00300 %              |
| Acidity(as H <sup>+</sup> )                                 | 0-0.0015 (mmol/g)      | 0.00 mmol/g            |
| Readily carbonizable substance                              | pass                   | Pass                   |
| Appearance(B111573)                                         | Colorless Clear Liquid | Colorless clear liquid |



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QA & QC Manager