

Certificate of Analysis

Date of Testing: 2025-04-25 16:15:10

Date of Next Testing: 2029-04-24 16:15:10

Product Name: **n-Butanol**

CAS Number: 71-36-3

Specifications & Purity: Premium-Grade Reagents, ≥99%

Lot #: D2511274

SKU #: **B111571**

Version: **4**

Analysis #: **485275**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Color test (APHA)	0-10 (APHA)	0.00 APHA
Iron(Fe)	0-0.5 (ppm)	0.00 ppm
Esters(As CH ₃ COOC ₄ H ₉)	0-0.1 (%)	0.00 %
Evaporation Residue	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-0.2 (%)	0.01 %
Assay(GC)	99-100 (%)	99.92000 %
Carbonly compounds (As CO)	0-0.02 (%)	0.00000 %
Acidity(as H ⁺)	0-0.0005 (mmol/g)	0.00 mmol/g
Density (20°C)	0.808-0.811 (g/ml)	0.81 g/ml
Unsaturated compounds(Br)	0-0.005 (%)	0.01 %
Appearance (B111571)	Colorless Clear Liquid	Colorless clear liquid
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager