

Certificate of Analysis

Date of Testing: 2023-08-04 09:38:52

Date of Next Testing: 2027-08-03 09:38:52

Product Name: **n-Butanol**

CAS Number: 71-36-3

Specifications & Purity: spectrographic grade,99.5%

Lot #: G2327135

SKU #: **B111581**

Analysis: **259550**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.04	0.03
UV Absorbance 240nm	0-0.1	0.06
Purity(GC)	99.5-100 (%)	99.91 %
UV Absorbance 220nm	0-1	0.27
UV Absorbance 400nm	0-0.01	0.00
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
Refractive index n ₂₀ /D	1.398-1.4	1.40
Water by Karl Fischer	0-0.1 (%)	0.02 %
UV Absorbance 225nm	0-0.5	0.19
UV Absorbance 280nm	0-0.01	0.01
Color Test	0-10	5.50
Appearance (B111581)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ, H ₂ O reference	Pass	Pass



John Su
QA & QC Manager