

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-08-04 09:44:24
Date of Next Testing:	2027-08-03 09:44:24
Product Name:	<b>n-Butanol</b>
CAS Number:	71-36-3
Specifications & Purity:	spectrographic grade,99.5%
Lot #:	G2327128
SKU #	<b>B111581</b>
<b>Analysis:</b>	<b>259550</b>
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 <sub>20</sub> /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 <sub>2</sub> O reference	Pass	Pass



John Su  
QA & QC Manager