

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 10:45:43

Date of Next Testing: 2027-03-09 10:45:43

Product Name: **2-Butanol**

CAS Number: 78-92-2

Specifications & Purity: anhydrous, $\geq 99.5\%$

Lot #: C2302015

SKU #: **B110361**

Version: **1**

Analysis #: **163171**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.005 (%)	0.00300 %
Purity(GC)	99.5-100 (%)	99.87900 %
Refractive index n ₂₀ /D	1.396-1.398	1.39734
Residue on Evaporation	0-0.0003 (%)	0.00000 %
Density (20°C)	0.8060-0.8080 (g/ml)	0.80730 g/ml
Appearance (B110361)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager