

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-27 19:04:08

Date of Next Testing: 2026-06-26 19:04:08

Product Name: **1,2,3-Butanetriol**

CAS Number: 4435-50-1

Specifications & Purity: $\geq 90\%$ (GC)

Lot #: F2223238

SKU #: **B152043**

Version: **0**

Analysis #: **095411**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	95.79300 %
Density (20°C)	1.173-1.18	1.17800
Refractive index n ₂₀ /D	1.467-1.473	1.47120
Appearance (B152043)	light yellow to yellow liquid	light yellow to yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager