

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-04 18:24:01

Date of Next Testing: 2030-02-03 18:24:01

Product Name: **1,4-Butanediol(BDO)**

CAS Number: 110-63-4

Specifications & Purity: Anhydrous Grade, $\geq 99\%$

Lot #: A2630266

SKU #: **B1508458**

Version: **1**

Analysis #: **644473**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.92000 %
Refractive index n ₂₀ /D	1.444-1.448	1.44620
Water by Karl Fischer	0-0.01 (%)	0.00980 %
Density (20°C)	1.016-1.019	1.01610
Appearance(B1508458)	White Solid to Colorless Viscous Liquid	White Solid to Colorless Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager