

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-18 15:57:33
Date of Next Testing: 2030-06-17 15:57:33
Product Name: **1,4-Butanediol (BDO)**
CAS Number: 110-63-4
Specifications & Purity: $\geq 99\%$
Lot #: F2611249
SKU #: **B110391**
Version: **1**
Analysis #: **651660**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.1 (%)	0.07000 %
Refractive index n ₂₀ /D	1.444-1.448	1.44630
Density (20°C)	1.016-1.019	1.01600
Purity(GC)	99-100 (%)	99.25800 %
Appearance (B110391)	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