

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-12 17:24:05
 Date of Next Testing: 2027-04-11 17:24:05
 Product Name: **(±)-1,3-Butanediol**
 CAS Number: 107-88-0
 Specifications & Purity: anhydrous, ≥99%
 Lot #: D2308765
 SKU #: **B119672**
 Version: **0**
 Analysis #: **205553**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.004-1.007	1.00580
Refractive index n ₂₀ /D	1.439-1.441	1.44018
Water by Karl Fischer	≤0.01 (%)	0.00980 %
Purity(GC)	99-100 (%)	99.78800 %
Appearance (B119672)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager