

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-16 09:42:38

Date of Next Testing: 2027-06-15 09:42:38

Product Name: **(±)-1,3-Butanediol**

CAS Number: 107-88-0

Specifications & Purity: $\geq 99\%$

Lot #: F23061118

SKU #: **B111016**

Version: **0**

Analysis #: **230282**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.004-1.007	1.00520
Refractive index n _{20/D}	1.439-1.441	1.43970
Purity(GC)	99-100 (%)	99.61700 %
Appearance (B111016)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager