

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 09:49:53

Date of Next Testing: 2029-04-16 09:49:53

Product Name: **(S)-1,2-Butanediol**

CAS Number: 73522-17-5

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: I1728074

SKU # **S161003**

Version **0**

Analysis #: **495866**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.58100 %
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in EtOH})$	-18~-13 (°)	-16.55300 °
Refractive index $n_{20/D}$	1.436-1.44	1.43750
Appearance (S161003)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager