

Certificate of Analysis

Date of Testing: 2023-10-26 15:24:32
Date of Next Testing: 2027-10-25 15:24:32
Product Name: **(S)-1,2-Butanediol**
CAS Number: 73522-17-5
Specifications & Purity: >98.0%(GC)
Lot #: J2309030
SKU #: **S161003**
Analysis: **290523**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.58 %
Specific Rotation [α] ₂₀ /D(c=3 in EtOH)	-18--15 (°)	-16.55 °
Refractive index n ₂₀ /D	1.436-1.44	1.44
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