

## Certificate of Analysis

Date of Testing: 2023-03-16 11:47:17

Date of Next Testing: 2027-03-15 11:47:17

Product Name: **1,2-Butanediol**

CAS Number: 584-03-2

Specifications & Purity: >98.0%(GC)

Lot #: C2311809

SKU # **B153217**

**Analysis: 182357**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.437-1.44	1.44
Purity(GC)	98-100 (%)	98.36 %
Appearance (B153217)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager