

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-18 09:44:20

Date of Next Testing: 2026-01-17 09:44:20

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

CAS Number: 584-03-2

Specifications & Purity: >98.0%(GC)

Lot #: A2214376

SKU #: **B153217**Analysis: **061140**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.78 %
Refractive index n ₂₀ /D	1.437-1.44	1.44
Appearance (B153217)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager