

Certificate of Analysis

Date of Testing: 2023-11-08 13:19:47

Date of Next Testing: 2025-10-28 13:19:47

Product Name: **1,4-Butanediol**

CAS Number: 110-63-4

Specifications & Purity: standard for GC, $\geq 99.5\%$ (GC)

Lot #: K2302190

SKU #: **B110395**

Analysis: **288131**

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.83 %
Appearance (B110395)	colorless viscous liquid	colorless viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager