

Certificate of Analysis

Date of Testing: 2022-06-16 23:41:12
Date of Next Testing: 2024-06-05 23:41:12
Product Name: **1,4-Butanediol**
CAS Number: 110-63-4
Specifications & Purity: standard for GC, $\geq 99.5\%$ (GC)
Lot #: F2215055
SKU #: **B110395**
Analysis: **097113**

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.95 %
Appearance (B110395)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager