

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-20 09:48:45

Date of Next Testing: 2026-06-19 09:48:45

Product Name: **3-Butenoic Acid**

CAS Number: 625-38-7

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: F2214359

SKU #: **B152771**

Version: **0**

Analysis #: **102979**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.15900%
Density (20°C)	1.01-1.014	1.01300
Refractive index n ₂₀ /D	1.421-1.425	1.42250
Appearance (B152771)	colorless to pale yellow liquid	colorless to pale 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