

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-21 00:56:46
 Date of Next Testing: 2026-06-20 00:56:46
 Product Name: **3-Butenoic Acid**
 CAS Number: 625-38-7
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: F2214671
 SKU #: **B152771**
 Version: **0**
 Analysis #: **103384**
 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



John Su
QA & QC Manager