

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-19 10:42:48

Date of Next Testing: 2028-11-18 10:42:48

Product Name: **1,3-Dichlorobutane**

CAS Number: 1190-22-3

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

Lot #: K2418044

SKU #: **D155308**

Version: **1**

Analysis #: **045971**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.68900 %
Appearance(D155308)	Colorless to Almost colorless clear liquid	Colorless to almost colorless clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager