

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-20 18:19:13

Date of Next Testing: 2027-11-20 18:19:13

Product Name: **1-Chlorobutane**

CAS Number: 109-69-3

Specifications & Purity: Standard for GC, $\geq 99.8\%$ (GC)

Lot #: K2512118

SKU #: **C118434**

Version: **0**

Analysis #: **611290**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.80000 %
Refractive index n ₂₀ /D	1.401-1.403	1.40120
Appearance (C118434)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager