

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-11 09:33:47

Date of Next Testing: 2029-06-10 09:33:47

Product Name: **1-Chlorobutane**

CAS Number: 109-69-3

Specifications & Purity: anhydrous, ≥99.5%

Lot #: I2101048

SKU # **C103256**

Version **0**

Analysis #: **522353**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.59400 %
Refractive index n ₂₀ /D	1.401-1.403	1.40210
Residue on Evaporation	0-0.0003 (%)	0.00000 %
Water by Karl Fischer	0-0.002 (%)	0.00120 %
Appearance (C103256)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager