

Certificate of Analysis

Date of Testing: 2022-09-07 15:11:15
Date of Next Testing: 2026-09-06 15:11:15
Product Name: **1-Chlorobutane**
CAS Number: 109-69-3
Specifications & Purity: 98%
Lot #: I2201091
SKU #: **C103253**
Analysis: **132338**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.401-1.403	1.40
Density (20°C)	0.887-0.889	0.89
Purity(GC)	98-100 (%)	99.84%
Appearance (C103253)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager