

Certificate of Analysis

Date of Testing: 2023-10-11 10:31:42

Date of Next Testing: 2025-09-30 10:31:42

Product Name: **1-Bromo-3-chloropropane**

CAS Number: 109-70-6

Specifications & Purity: 99%

Lot #: I2313061

SKU #: **B105780**

Analysis: **268027**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.56 %
Refractive index n ₂₀ /D	1.485-1.488	1.49
Density (20°C)	1.598-1.601	1.60
Appearance (B105780)	Colorless Liquid	Colorless liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager