

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-07 15:19:43

Date of Next Testing: 2027-01-06 15:19:43

Product Name: **1-Chloropropane**

CAS Number: 540-54-5

Specifications & Purity: $\geq 99\%$

Lot #: A2305439

SKU #: **C109186**

Version: **0**

Analysis #: **165932**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.63500 %
Refractive index n ₂₀ /D	1.387-1.39	1.38860
Density (20°C)	0.892-0.895	0.89300
Appearance (C109186)	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