

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-13 14:24:54

Date of Next Testing: 2027-01-13 14:24:54

Product Name: **1,3-Dichloropropane**

CAS Number: 142-28-9

Specifications & Purity: Standard for GC, $\geq 99.5\%$ (GC)

Lot #: C2331026

SKU #: **D109185**

Version: **0**

Analysis #: **461859**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.446-1.449	1.45
Purity(GC)	99.5-100 (%)	99.60 %
Appearance (D109185)	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