

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-03 18:09:42

Date of Next Testing: 2029-09-02 18:09:42

Product Name: **1,2-Dichloroethane**

CAS Number: 107-06-2

Specifications & Purity: anhydrous,  $\geq 99.8\%$ ,  $H_2O \leq 0.005\%$

Lot #: H2522564

SKU #: **D119458**

Version: **0**

Analysis #: **552104**

Storage Temperature: Protected from light, Room temperature

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Purity(GC)                         | 99.75-100 (%)         | 99.99000 %            |
| Residue on Evaporation             | 0-0.0003 (%)          | 0.00011 %             |
| Refractive index n <sub>20/D</sub> | 1.442-1.447           | 1.44490               |
| Water by Karl Fischer              | 0-0.005 (%)           | 0.00240 %             |
| Appearance (D119458)               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |



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QA & QC Manager