

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-12 15:33:53  
 Date of Next Testing: 2029-07-11 15:33:53  
 Product Name: **1,2-Dichloroethane**  
 CAS Number: 107-06-2  
 Specifications & Purity: anhydrous,  $\geq 99.8\%$ ,  $H_2O \leq 0.005\%$   
 Lot #: F2530084  
 SKU #: **D119458**  
 Version: **0**  
 Analysis #: **533927**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Purity(GC)                         | 99.75-100 (%)         | 99.81000 %            |
| Residue on Evaporation             | 0-0.0003 (%)          | 0.00010 %             |
| Refractive index n <sub>20/D</sub> | 1.442-1.447           | 1.44490               |
| Water by Karl Fischer              | 0-0.005 (%)           | 0.00290 %             |
| Appearance (D119458)               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager