

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-05 15:55:11

Date of Next Testing: 2028-11-04 15:55:11

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

CAS Number: 107-06-2

Specifications & Purity: AR, ≥99.5%

Lot #: J2527661

SKU #: **D116247**

Version: **6**

Analysis #: **602753**

Storage Temperature: Protected from light

| Parameter                           | Limit Values           | Result                 |
|-------------------------------------|------------------------|------------------------|
| Evaporation Residue                 | 0-0.002 (%)            | 0.00000 %              |
| Acidity(as H+)                      | 0-0.3 (μmol/g)         | 0.00000 μmol/g         |
| Color test (APHA)                   | 0-10                   | 10.00000               |
| Refractive index n <sub>20</sub> /D | 1.442-1.447            | 1.44460                |
| Water by Karl Fischer               | 0-0.05 (%)             | 0.01370 %              |
| Assay                               | 99.5-100 (%)           | 99.93300 %             |
| Chloride (Cl <sup>-</sup> )         | 0-0.001 (%)            | 0.00000 %              |
| Density (20°C)                      | 1.251-1.256 (g/ml)     | 1.25200 g/ml           |
| Readily carbonizable substance      | Pass                   | Pass                   |
| Appearance(D116247)                 | Colorless clear liquid | Colorless clear liquid |



John Su  
QA & QC Manager