

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-08 16:43:41  
 Date of Next Testing: 2028-10-07 16:43:41  
 Product Name: **1, 2-Dichlorobenzene**  
 CAS Number: 95-50-1  
 Specifications & Purity: HPLC grade, ≥99%  
 Lot #: I2426036  
 SKU #: **D108133**  
 Version: **1**  
 Analysis #: **412859**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 375nm                 | 0-0.01                | 0.00000               |
| UV Absorbance 300nm                 | 0-0.3                 | 0.12200               |
| Water by Karl Fischer               | 0-0.02 (%)            | 0.00500 %             |
| Refractive index n <sub>20</sub> /D | 1.55-1.553            | 1.55170               |
| UV Absorbance 296nm                 | 0-1                   | 0.68000               |
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00000 %             |
| Purity(GC)                          | 99-100 (%)            | 99.73700 %            |
| UV Absorbance 400nm                 | 0-0.01                | 0.00000               |
| UV Absorbance 335nm                 | 0-0.05                | 0.03100               |
| UV Absorbance 305nm                 | 0-0.2                 | 0.03700               |
| Appearance (D108133)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| λ, H <sub>2</sub> O reference       | Pass                  | Pass                  |



John Su  
QA & QC Manager