

## Certificate of Analysis

Date of Testing: 2023-06-09 13:25:18  
Date of Next Testing: 2026-06-08 13:25:18  
Product Name: **1,1-Dichloropropane**  
CAS Number: 78-99-9  
Specifications & Purity:  $\geq 97\%$   
Lot #: F2302601  
SKU #: **D469688**  
Version: **1**  
Analysis #: **217908**

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(GC)          | 97-100 (%)            | 98.40%                |
| Appearance(D469688) | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager