

Certificate of Analysis

Date of Testing: 2024-08-22 19:03:19
Date of Next Testing: 2028-08-21 19:03:19
Product Name: **1,3-Dichloropropane**
CAS Number: 142-28-9
Specifications & Purity: $\geq 98\%$
Lot #: H2421289
SKU #: **D109184**
Version: **0**
Analysis #: **352800**

| Parameter | Limit Values | Result |
|-------------------------------------|---------------------------------|---------------------------------|
| Purity(GC) | 96-100 (%) | 99.00% |
| Refractive index n ₂₀ /D | 1.446-1.449 | 1.45 |
| Density (20°C) | 1.184-1.192 | 1.19 |
| Appearance (D109184) | colorless to pale yellow liquid | colorless to pale yellow liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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