

## Certificate of Analysis

Date of Testing: 2024-09-06 10:26:35

Date of Next Testing: 2028-09-05 10:26:35

Product Name: **1,4-Dichlorobutane**

CAS Number: 110-56-5

Specifications & Purity: 98%

Lot #: L2007310

SKU #: **D103409**

Version: **0**

Analysis #: **407769**

Storage Temperature: Protected from light, Room temperature

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Density (20°C)                     | 1.137-1.145           | 1.14                  |
| Purity(GC)                         | 98-100 (%)            | 98.10 %               |
| Refractive index n <sub>20/D</sub> | 1.452-1.456           | 1.45                  |
| Appearance (D103409)               | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |



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