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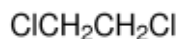
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

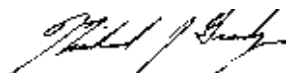
Product Name:

1,2-Dichloroethane - anhydrous, 99.8%

**Product Number:** 284505  
**Batch Number:** SHBL3332  
**Brand:** SIAL  
**CAS Number:** 107-06-2  
**MDL Number:** MFCD00000963  
**Formula:** C<sub>2</sub>H<sub>4</sub>Cl<sub>2</sub>  
**Formula Weight:** 98.96 g/mol  
**Quality Release Date:** 05 JUL 2019



| Test  | Specification         | Result    |
|---|-----------------------|-----------|
| Appearance (Color)  | Colorless             | Colorless |
| Appearance (Form)   | Liquid                | Liquid    |
| Infrared Spectrum   | Conforms to Structure | Conforms  |
| Purity (GC)   | ≥ 99.75 %             | 99.98 %   |
| Residue on Evaporation  | ≤ 0.0003 %            | 0.0002 %  |
| Water (by Karl Fischer)   | ≤ 0.003 %             | 0.001 %   |
| Note  | -----                 | -----     |
| For 100 mL unit size, water content may exceed above specification; not to exceed 0.005%. |                       |           |



Michael Grady, Manager  
Quality Control  
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.