

3050 Spruce Street, Saint Louis, MO 63103, USA

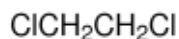
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

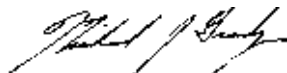
Product Name:

1,2-Dichloroethane - for HPLC, ≥99.8%

Product Number: 34872  
Batch Number: MKCL2762  
Brand: SIGALD  
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: 27 MAY 2020  
Expiration Date: MAY 2022



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
UV Absorbance 270nm	≤ 0.01	< 0.01
UV Absorbance 245nm	≤ 0.04	0.03
UV Absorbance 230nm	≤ 0.60	0.30
Purity (GC)	≥ 99.80 %	99.99 %
Water (by Karl Fischer)	≤ 0.02 %	< 0.01 %
Residue on Evaporation	≤ 0.0005 %	< 0.0001 %
Color Test	≤ 10 APHA	< 5 APHA
Free Acid as HCl	≤ 0.001 %	< 0.001 %
Expiration Date Period 720 Days	-----	-----



Michael Grady, Manager  
Quality Control  
Milwaukee, 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](http://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.