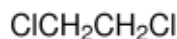


Certificate of Analysis

Product Name:

1,2-Dichloroethane - ACS reagent, ≥99.0%

Product Number: 319929
Batch Number: SHBS7760
Brand: SIGALD
CAS Number: 107-06-2
MDL Number: MFCD00000963
Formula: C₂H₄Cl₂
Formula Weight: 98.96 g/mol
Quality Release Date: 02 MAY 2025



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.0 %	100.0 %
Water (by Karl Fischer)	≤ 0.03 %	< 0.01 %
Residue on Evaporation	≤ 0.002 %	< 0.001 %
Color Test	≤ 10 APHA	< 5 APHA
Titrateable Acid (meq/g)	≤ 0.0003	0.0001
Meets ACS Requirements	Current ACS Specification	Conforms



Larry Coers, Director
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.

