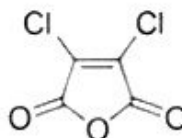


Certificate of Analysis

Product Name:

2,3-Dichloromaleic anhydride - 97%

Product Number: D65003
Brand: ALDRICH
CAS Number: 112-17-4
MDL Number: MFCD00005520
Formula: C₄Cl₂O₃
Formula Weight: 166.95 g/mol
Quality Release Date: 27 SEP 2016



Test	Specification	Result
Appearance (Color) White to Beige to Light Yellow	Conforms to Requirements	White
Appearance (Form) Crystalline Flakes, Powder or Chunks	Conforms to Requirements	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Titration by AgNO ₃ After Oxygen Combustion	96.5 - 103.5 %	99.0 %
Purity (GC)	≥ 96.5 %	99.7 %



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. 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.