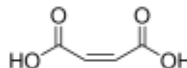


Certificate of Analysis

Product Name:

Maleic acid - ReagentPlus®, ≥99% (HPLC)

Product Number: M0375
Batch Number: SLCQ7993
Brand: SIAL
CAS Number: 110-16-7
MDL Number: MFCD00063177
Formula: C₄H₄O₄
Formula Weight: 116.07 g/mol
Quality Release Date: 23 MAR 2023
Recommended Retest Date: MAR 2029



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
333 mg/mL, H ₂ O		
Water (by Karl Fischer)	≤ 2.0 %	0.1 %
Residue on Ignition	≤ 0.1 %	0.0 %
¹ H NMR Spectrum	Conforms to Structure	Conforms
Purity (HPLC)	≥ 99 %	100 %



Brian Dulle, Supervisor
Quality Assurance
St. Louis, Missouri 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.

