

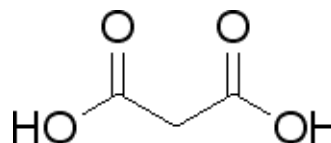
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## Product Specification

Product Name:  
Malonic acid – ReagentPlus<sup>®</sup>, 99%

**Product Number:** M1296  
**CAS Number:** 141-82-2  
**MDL:** MFCD00002707  
**Formula:** C<sub>3</sub>H<sub>4</sub>O<sub>4</sub>  
**Formula Weight:** 104.06 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Granules or Chunks
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	98.5 - 101.5 %
GC (area %)	≥ 98.5 %
Solubility (Turbidity)	Clear to Slightly Hazy
c = 100 mg/ml; 1N NaOH	
Solubility (Color)	Colorless to Faint Yellow

Specification: PRD.0.ZQ5.10000028318

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.