

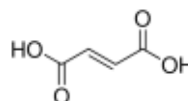
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Product Specification

Product Name:
Fumaric acid - ≥99%, FCC, FG

Product Number: W248800
CAS Number: 110-17-8
MDL: MFCD00002700
Formula: C₄H₄O₄
Formula Weight: 116.07 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 99.0 %
Impurities	≤ 0.1 %
Maleic Acid	
Purity (Titr. by NaOH) anhyd.	99.5 - 100.5 %
Residue on ignition (Ash)	≤ 0.10 %
Water (by Karl Fischer)	≤ 0.5 %
Heavy Metal	≤ 2 ppm
(as Lead)	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000073591

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.