

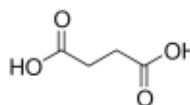
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Succinic acid - ACS reagent, ≥99.0%

Product Number: 398055
CAS Number: 110-15-6
MDL: MFCD00002789
Formula: C₄H₆O₄
Formula Weight: 118.09 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Granules
Infrared spectrum	Conforms to Structure
Assay	≥ 99.0 %
Initial Melting Point	≥ 185.0 °C
Final Melting Point	≤ 191.0 °C
Insoluble matter	≤ 0.01 %
Residue on ignition (Ash)	≤ 0.02 %
Chloride (Cl)	Pass
< /= 0.001%	
Phosphate (PO ₄)	Pass
< /= 0.001%	
Sulfate	Pass
< /= 0.003%	
Nitrogen Compounds	≤ 0.001 %
Heavy Metals	< = 5 ppm
as Pb	
Iron (Fe)	Pass
< /= 5 ppm	
Recommended Retest Period	-----
6 years	
Meets ACS Requirements	Current ACS Specification

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.

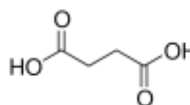
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