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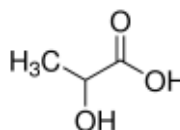
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## Product Specification

Product Name:  
Lactic acid - 85%, FCC

**Product Number:** W261106  
**CAS Number:** 50-21-5  
**MDL:** MFCD00004520  
**Formula:** C3H6O3  
**Formula Weight:** 90.08 g/mol



TEST	Specification
Appearance (Color)	Colorless to Light Yellow
Appearance (Form)	Viscous Liquid
Refractive index at 20 ° C	1.423 - 1.428
Infrared spectrum	Conforms to Structure
Trace Hydrocyanic Acid	Pass
5 ppm Maximum	
Titration by HCL	80.8 - 89.3 %
Chloride Test	Pass
Miscellaneous Assay	Pass
Sugars Test	
Miscellaneous Assay	Pass
(Citric, Oxalic, Phosphoric, Tartaric Acid)	
Sulfate	≤ 0.25 %
Iron (Fe)	≤ 10.0 ppm
Residue on ignition (Ash)	≤ 0.1 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 0.5 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000045205

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.