

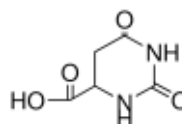
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
DL-Dihydroorotic acid

Product Number: **D7003**  
CAS Number: 6202-10-4  
MDL: MFCD00006030  
Formula: C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>4</sub>  
Formula Weight: 158.11 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, DMF	
Titration with NaOH	≥ 97.5
Purity (TLC)	≥ 98 %

Specification: PRD.1.ZQ5.10000058583

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.