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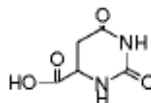
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Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
DL-Dihydroorotic acid

Product Number: D7003
Lot Number: SLBB7640V
Brand: SIGMA
CAS Number: 6202-10-4
MDL Number: MFCD00006030
Formula: C₅H₆N₂O₄
Formula Weight: 158.11 g/mol
Quality Release Date: 09 JAN 2012



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Very Faint Yellow
Solubility (Turbidity)	Clear	Clear
50 mg/mL, DMF		
Infrared spectrum	Conforms to Structure	Conforms
Purity (Titration by NaOH)	≥ 97.5 %	98.3 %
Purity (TLC)	≥ 98 %	100 %

Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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.