

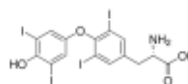
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
L-Thyroxine - ≥98% (HPLC)

Product Number: T2376
CAS Number: 51-48-9
MDL: MFCD00002595
Formula: C₁₅H₁₁I₄NO₄
Formula Weight: 776.87 g/mol



TEST

Specification

Appearance (Color)	White to Light Yellow
Appearance (Form)	Powder
Solubility (Color)	Yellow to Dark Yellow
Solubility (Turbidity)	Clear to Hazy
50 mg/ml in 4M NH ₄ OH in MeOH	
Infrared spectrum	Conforms to Structure
Carbon	22.7 - 23.7 %
Nitrogen	1.5 - 2.1 %
Specific Rotation	17 - 25 °
C = 1 in EtOH:1M HCL (2:1) at 20 deg C	
Purity (HPLC)	≥ 98 %
Cell Culture Test	Pass
Recommended Retest Period	-----
3 Years	

Specification: PRD.0.ZQ5.10000049554

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.