

3050 Spruce Street, Saint Louis, MO 63103, USA

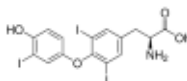
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

3,3',5-Triiodo-L-thyronine - ≥95% (HPLC), powder

Product Number: T2877
Batch Number: WXBD1596V
Brand: SIGMA
CAS Number: 6893-02-3
Formula: C₁₅H₁₂I₃NO₄
Formula Weight: 650.98 AMU
Storage Temperature: Store at 0 to -20 DEGREE C
Quality Release Date: 19 DEC 2019
Recommended Retest Date: DEC 2025



Test	Specification	Result
Appearance (Colour)	White to Off-White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless to Light Yellow	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
5 mg/mL, 4M NH ₄ OH in MeOH		
Proton NMR spectrum	Conforms to Structure	Conforms
Specific Rotation	18 - 28 deg	22 deg
C = 2%, (2:1) EtOH:1N HCl, 25 Deg C		
Purity (HPLC)	≥ 95 %	98 %

Steven Chen, Manager
Quality Control
Wuxi, China CN

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.