

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-12 15:21:10
Date of Next Testing: 2029-09-11 15:21:10
Product Name: **L-Thyroxine (T4)**
CAS Number: 51-48-9
Grades & Purity: Moligand™, ≥98%
Lot #: I2504639
SKU #: **T106193**
Version: **1**
Analysis #: **544575**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22.2-23.7 (%)	22.68400 %
Specific Rotation [α] ₂₀ /D(c=1 in 1N NaOH:EtOH 1:2)-6--4 (°) (anhydrous)		-5.95700 °
Nitrogen by Elemental Analysis	1.5-2.1 (%)	1.74500 %
Purity(HPLC)	98-100 (%)	98.51800 %
Appearance (T106193)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager