

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-18 18:34:39

Date of Next Testing: 2029-06-17 18:34:39

Product Name: **L-Thyroxine (T4)**

CAS Number: 51-48-9

Specifications & Purity: Moligand™, ≥98%

Lot #: F2517742

SKU #: **T106193**

Version: **1**

Analysis #: **408548**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22.2-23.7 (%)	22.29500 %
Specific Rotation [α] ₂₀ /D(c=1 in 1N NaOH:EtOH 1:2)-6--4 (°) (anhydrous)		-4.75600 °
Purity(HPLC)	98-100 (%)	98.33200 %
Nitrogen by Elemental Analysis	1.5-2.1 (%)	1.88900 %
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