

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-22 10:50:55
Date of Next Testing: 2028-01-21 10:50:55
Product Name: **L-Thyroxine**
CAS Number: 51-48-9
Specifications & Purity: 98%
Lot #: A2417096
SKU #: **T106193**
Version: **0**
Analysis #: **126166**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22.2-23.7 (%)	22.90%
Specific Rotation [α] ₂₀ /D(c=1 in 1N NaOH:EtOH 1:2)-6--4 (°) (anhydrous)		-5.33°
Nitrogen by Elemental Analysis	1.5-2.1 (%)	1.57%
Purity(HPLC)	98-100 (%)	98.01000%
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