

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-14 10:16:03
Date of Next Testing: 2026-11-13 10:16:03
Product Name: **L-Thyroxine**
CAS Number: 51-48-9
Specifications & Purity: 98%
Lot #: K2210150
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