

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-21 14:47:06

Date of Next Testing: 2026-07-21 14:47:06

Product Name: **Thyroxine methyl ester**

CAS Number: 32180-11-3

Specifications & Purity:  $\geq 95\%$

Lot #: F2230481

SKU #: **T275997**

Version: **2**

Analysis #: **543886**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Desiccated

| Parameter                                                     | Limit Values              | Result                    |
|---------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                  | 95-100 (%)                | 95.59800 %                |
| Specific rotation $[\alpha]_{20/D}(c=0.5, \text{Chloroform})$ | 2-7 ( $^{\circ}$ )        | 3.34000 $^{\circ}$        |
| Appearance (T275997)                                          | Pale Beige to Beige Solid | Pale Beige to Beige Solid |
| Proton NMR spectrum                                           | Conforms to structure     | Conforms to Structure     |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager