

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 #: F2230482

SKU #: **T275997**

Version: **2**

Analysis #: **543886**

Storage Temperature: Protected from light, Store at -20°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