

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 13:50:48
 Date of Next Testing: 2029-10-12 13:50:48
 Product Name: **Levothyroxine sodium hydrate**
 CAS Number: 25416-65-3
 Specifications & Purity: $\geq 98\%$
 Lot #: L2120050
 SKU #: **T113354**
 Version: **2**
 Analysis #: **586333**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying(60°C,4h)	0-11 (%)	4.36800 %
Specific Rotation [a] ₂₅ /D(c=3 in Alcohol:1N NaOH 2:1 in Anhydrous)	-6--5 (°)	-5.79000 °
Assay(HPLC)	98-100 (%)	98.64000 %
Appearance (T113354)	Light yellow to yellow-brown powder	Light yellow to yellow-brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager