

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-08 11:10:23
Date of Next Testing: 2026-07-08 11:10:23
Product Name: **Levothyroxine sodium hydrate**
CAS Number: 25416-65-3
Specifications & Purity: analytical standard
Lot #: D1712022
SKU #: **L135598**
Version: **0**
Analysis #: **382616**

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)(calcd.on dried substance)	99-101 (%)	99.20 %
Loss on drying(60°C,4h)	0-11 (%)	7.10 %
Specific Rotation [a] ₂₅ /D(c=3 in Alcohol:1N NaOH 2:1 in Anhydrous)	-6--5 (°)	-5.50 °
Appearance (L135598)	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