

Certificate of Analysis

Date of Testing: 2023-09-26 15:35:21
Date of Next Testing: 2025-09-25 15:35:21
Product Name: **Levothyroxine sodium hydrate**
CAS Number: 25416-65-3
Specifications & Purity: analytical standard
Lot #: I2321762
SKU #: **L135598**
Analysis: **199708**

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁵ (c=3 in Alcohol:1N NaOH 2:1 in Anhydrous)	-6--5 (°)	-6.00°
Loss on drying(60°C,4h)	0-11 (%)	10.98%
Purity(Nonaqueous Titration)(calcd.on dried substance)	99-101 (%)	99.11%
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