

Certificate of Analysis

Date of Testing: 2024-01-15 14:46:08
Date of Next Testing: 2028-01-14 14:46:08
Product Name: **Levothyroxine sodium hydrate**
CAS Number: 25416-65-3
Specifications & Purity: 98%
Lot #: A2411085
SKU #: **T113354**
Analysis: **060817**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)(calcd.onanh.substance)	98-100 (%)	98.65 %
Loss on drying(60°C,4h)	0-11 (%)	4.37 %
Specific Rotation [a] ₂₅ /D(c=3 in Alcohol:1N NaOH 2:1 in Anhydrous)	-6--5 (°)	-5.90 °
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