

Certificate of Analysis

Date of Testing: 2023-02-02 17:14:36
Date of Next Testing: 2026-02-01 17:14:36
Product Name: **D-Thyroxine**
CAS Number: 51-49-0
Specifications & Purity: 95%
Lot #: D2020148
SKU #: **R193687**
Analysis: 182090
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH} : 1 \text{M HCL} = 2 : 1)$	-20.5--16.5 (°)	-16.51°
Purity(HPLC)	98-100 (%)	99.02000 %
Appearance (R193687)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager