

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-26 11:40:40
 Date of Next Testing: 2029-05-25 11:40:40
 Product Name: **D-Thyroxine**
 CAS Number: 51-49-0
 Specifications & Purity: Moligand™, ≥98%
 Lot #: E2618151
 SKU #: **R193687**
 Version: **0**
 Analysis #: **713835**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH} : 1M \text{ HCL} = 2 : 1)$	-20.5--16.5 (°)	-19.10000 °
Purity(HPLC)	98-100 (%)	99.20000 %
Appearance (R193687)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager