

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-23 14:32:40
 Date of Next Testing: 2025-10-22 14:32:40
 Product Name: **3,3',5-Triiodo-L-thyronine sodium salt**
 CAS Number: 55-06-1
 Specifications & Purity: $\geq 97\%$
 Lot #: L2116436
 SKU #: **L129594**
 Version: **0**
 Analysis #: **288402**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sodium (Na)(anhydrous)	3-4 (%)	3.99200 %
Purity(HPLC)	97-100 (%)	97.11800 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 1.2 \text{ M HCl:EtOH}(1:4) \text{ in } 25^{\circ}\text{C})$	18-22 ($^{\circ}$)	20.04400 $^{\circ}$
Water by Karl Fischer	0-4 (%)	1.08800 %
Appearance (L129594)	White to Light Pink or Beige Powder	White to Light Pink or Beige Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl/EtOH(1/4) , (10 mg/ml)	Colorless to Yellow or Faint Pink Clear	Colorless to Yellow or Faint Pink Clear



John Su
QA & QC Manager