

Certificate of Analysis

Date of Testing: 2025-06-16 13:58:01

Date of Next Testing: 2027-06-16 13:58:01

Product Name: **3,5-Diiodo-L-tyrosine dihydrate**

CAS Number: 18835-59-1

Specifications & Purity: $\geq 98\%$

Lot #: H2303403

SKU #: **D132937**

Version: **1**

Analysis #: **511699**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	22.5-24.2 (%)	22.51 %
Purity(HPLC)	98-100 (%)	99.18600 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in } 1\text{mol/L HCl})$	0.8-1.5 ($^{\circ}$)	1.25 $^{\circ}$
Water by Karl Fischer	5.9-9.4 (%)	5.92 %
Appearance (D132937)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager