



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205725
Lot Number: SAMPLE
Product Name: L-3,3',5-Triiodothyronine, Sodium Salt
CAS Number: 55-06-1
Molecular Formula: $C_{15}H_{11}I_3NNaO_4$
Molecular Weight: 672.96

Test	Specification	Result
Appearance	White crystalline powder	Complies
Assay (HPLC)	$\geq 99\%$	99.18%
Solubility	Very slightly soluble in water. Slightly soluble in alcohol. Practically insoluble in most other organic solvents. Dissolves in diluted aqueous sodium hydroxide solution.	Complies
Specific Rotation ($\alpha_{20/D}$)	+18° - +22° (C=1 in 1M HCl/EtOH 1:4)	+20.9°
Loss on Drying	$\leq 4.0\%$	0.46%
Levothyroxine sodium	$\leq 5.0\%$	0.68%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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