



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-231969
Lot Number: SAMPLE
Product Name: 3,3',5,5'-Tetraiodothyroacetic acid
CAS Number: 67-30-1
Molecular Formula: $C_{14}H_8O_4I_4$
Molecular Weight: 747.83

Test	Specification	Result
Appearance	Faint yellow or faint tan to yellow/tan powder	Faint tan powder
Identification	by NMR; consistent	by NMR; consistent with structure
Purity (TLC)	$\geq 98.00\%$	99.50%
Solubility	19.60 - 20.40 mg/ml in Acetone; faint yellow to yellow; clear turbidity	20.00 mg/ml in Acetone; faint yellow; clear turbidity
Carbon Content	21.90 - 23.10%	22.53%
Water Content	$\geq 0.00\%$ (by Karl Fischer)	1.62% (by Karl Fischer)

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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