



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-226208
Lot Number: SAMPLE
Product Name: 3,3',5-Triiodothyroacetic acid
CAS Number: 51-24-1
Molecular Formula: $C_{14}H_9I_3O_4$
Molecular Weight: 621.93

Test	Specification	Result
Appearance	White or whitish solid powder	White solid powder
Identification (HPLC)	The retention time of test sample major peak complies with reference standard	Complies
Identification (Infrared Spectrum)	The retention time of test sample major peak complies with reference standard	Complies
Purity (HPLC)	95 - 101%	96.5%
Heavy Metals	≤20ppm	Complies
Loss on Drying	≤1% (60°C, 2 hours)	≤0.5%
Other Impurities	≤2%	≤1.5%
Diac- and Tetrac- Content (HPLC)	≤5%	≤3.5%
Solvent residue	≤0.1%	Complies
Sulfated Ash	≤0.1%	Complies
Ta2	≤1%	≤0.8%
Ta4	≤2%	≤1.7%

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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