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## Product Specification

Product Name:

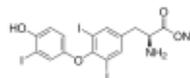
3,3',5-Triiodo-L-thyronine sodium salt - powder, BioReagent, suitable for cell culture

Product Number:

T6397

CAS Number:

55-06-1



Formula:

C<sub>15</sub>H<sub>11</sub>I<sub>3</sub>NNaO<sub>4</sub>

Formula Weight:

672.96 AMU

TEST	Specification
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Appearance (Colour)	White to Light Pink and Tan
Appearance (Form)	Powder
Purity (HPLC)	≥ 95 %
Specific Rotation	18.0 - 22.0 deg
C= 2 in 1 M HCl:EtOH (1:4) at 25 deg C	
Solubility (Colour)	Colorless to Yellow
Solubility (Turbidity)	Clear
10 mg/ml in 1 M HCl:EtOH (1:4)	
Water	≤ 4 %
< = 4 % (by Karl Fischer)	
Carbon Content	25.8 - 28.5 %
25.8 - 28.5 % (anhydrous basis)	
Nitrogen Content	1.7 - 2.5 %
1.7 - 2.5 % (anhydrous basis)	
Assay (ICP)	2 - 4 %
2.0 - 4.0 % Sodium (anhydrous basis)	
Cell Culture Testing	Pass
Performance Test	

Specification: PRE.0.ZQ5.10000018536

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.