

Certificate of Analysis

Product Name : 3,3 ,5,5 -Tetraiodothyroacetic acid
Product Number : T3787-BULK
Batch Number : 0000183457
CAS Number : 67-30-1
Storage Temperature : Freezer -20°C
Molecular Formula : C₁₄H₈I₄O₄
Formula Weight : 747.83
Recommended Retest Date : Aug 2025
Quality Release Date : 13 Sep 2022

Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	Off White to Yellow and Faint Beige to Beige and Yellow-Beige	Off White
Solubility (Solvent)	Acetone	Acetone
Solubility (Conc)	19.60 - 20.40 mg/ml	20.05 mg/ml
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless to Yellow	Faint Yellow
Water (by Karl Fischer)	≥ 0.00 %	0.58 %
Elemental Anal. (%C observed)	21.90 - 23.10 %	22.58 %
Elemental Anal. (%I observed)	66.20 - 69.60 %	68.29 %
Purity (TLC)	≥ 98.00 %	99.00 %
NMR (Solvent)	DMSO-d6	DMSO-d6
Identity by NMR	Consistent	Consistent with Structure



Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

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. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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