



CERTIFICATE OF ANALYSIS

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1. Identification

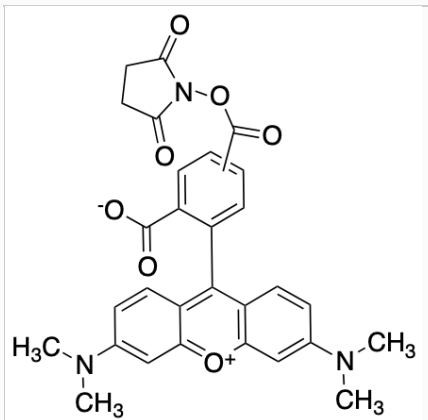
Catalogue Number: C182650

CAS Number: 246256-50-8

Product: 5(6)-Carboxytetramethylrhodamine Succinimidyl Ester (Technical Grade)

Synonym: 5,6-Carboxytetramethylrhodamine Succinimidyl Ester; 5/6-TAMRA-SE; NHS-Rhodamine

Structure:



Molecular Formula:

C₂₉H₂₅N₃O₇

Molecular weight:

527.52

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated),
Methanol (Slightly)

Lot Number: 59-GHZ-38-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Very Dark Red Solid	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 61.70, %H: 4.22, %N: 7.29
UV Absorbance	Report Result	204 nm, 253 nm, 355 nm, 546 nm

Additional Information: Contains: ~6.3% Dichloromethane

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Chanell Chu	11/18/2021	11/16/2025