

Catalog Number C2211
Product Name 5-carboxytetramethylrhodamine, succinimidyl ester (5-TAMRA, SE) *single isomer*
Appearance purple solid
Lot Number 2501090

	LOT DATA	SPECIFICATION
Absorption¹ Maximum Extinction	545 nm 83000 cm ⁻¹ M ⁻¹	546 ± 3 nm 95000 ± 7000 cm ⁻¹ M ⁻¹
Fluorescence¹ Emission Maximum	575 nm	579 ± 4 nm
HPLC² Isomer Purity	99 % at 254 nm	≥ 97 % at 254 nm
HPLC³ Purity	98 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2402911A	n.a.

1. Solvent: Methanol

2. Method: Compositional Analysis

3. Method: Derivatized with n-butylamine. Purity value represents total reactive dye content

14-0000



Aaron Rider, Quality Control Supervisor
 14-Jan-2022

Life Technologies Corporation certifies on the date above that this is an accurate record of the analysis of the subject lot, and that the data conform to the specifications in effect for this product at the time of analysis.