

Certificate of Analysis



Product Name: 5(6) TAMRA NHS Ester
Catalog Number: FP-1254
Lot Number: 10657
Manufacturing date: 23 JAN 2025
Retest date: 23 JAN 2030
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark purple solid	Dark red to dark purple to brown solid
Purity ¹		
HPLC, 550 nm	95.5%	≥ 90%
HPLC, 254 nm	91.2%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	556 nm	553 ± 3 nm
Em max ²	583 nm	579 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance

Alexandra Kulyashova

Date: 29 JAN 2025

Vector Laboratories 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.