

Certificate of Analysis



Product Name: 5(6) TAMRA NHS Ester
Catalog Number: FP-1254
Lot Number: 10632
Manufacturing date: 24 SEP 2024
Retest date: 24 SEP 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark red solid	Dark red to brown solid
Purity ¹		
HPLC, 550 nm	96.3%	≥ 90%
HPLC, 254 nm	92.8%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	552 nm	553 ± 3 nm
Em max ²	582 nm	579 ± 4 nm

¹ After derivatization
² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 25 SEP 2024

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.