

Certificate of Analysis



Product Name: Cy3 NHS Ester
Catalog Number: FP-1301
Lot Number: 10558
Manufacturing date: 01 NOV 2023
Retest date: 01 NOV 2028
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Red solid	Red solid
Purity ¹		
HPLC, 550 nm	98.2%	≥ 90%
HPLC, 254 nm	98.7%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	547 nm	547 ± 3 nm
Em max ²	562 nm	562 ± 4 nm

¹ Derivatized with butylamine. Purity value represents total reactive dye content.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 09 NOV 2023

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.