

Certificate of Analysis



Product Name: Difluorocarboxyfluorescein NHS Ester, 5-isomer
Catalog Number: FP-1222
Lot Number: 10616
Manufacturing date: 11 JUL 2024
Retest date: 11 JUL 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Orange solid	Yellow to orange solid
Purity ¹		
HPLC, 488 nm	98.9%	≥ 95%
HPLC, 254 nm	98.9%	≥ 95%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	495 nm	496 ± 4 nm
Em max ²	520 nm	524± 4 nm

¹ After derivatization.
² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 11 JUL 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.