

Certificate of Analysis



Product Name: Difluorocarboxyfluorescein NHS Ester, 6-isomer
Catalog Number: FP-1223
Lot Number: 10615
Manufacturing date: 03 JUL 2024
Retest date: 03 JUL 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Light orange solid	Yellow to orange solid
Purity ¹		
HPLC, 488 nm	96.5%	≥ 90%
HPLC, 254 nm	97.4%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	496 nm	493 ± 4 nm
Em max ²	517 nm	517 ± 4 nm

¹ After derivatization.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 09 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.