

# Certificate of Analysis



**Product Name:** Difluorocarboxyfluorescein NHS Ester, 6-isomer  
**Catalog Number:** FP-1223  
**Lot Number:** 10095  
**Manufacturing date:** 03 JAN 2019  
**Retest date:** 04 APR 2028  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Yellow solid	Yellow to orange solid
Purity <sup>1</sup>		
HPLC, 488 nm	97.2%	≥ 90%
HPLC, 254 nm	97.6%	≥ 90%
LCMS <sup>1</sup>	Conforms	In accordance with structure
Abs max <sup>2</sup>	493 nm	493 ± 3 nm
Em max <sup>2</sup>	514 nm	517 ± 4 nm

<sup>1</sup> After derivatization.  
<sup>2</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

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Date: 13 FEB 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.*