

# Certificate of Analysis



**Product Name:** AZDye 568 NHS Ester  
**Catalog Number:** FP-1081  
**Lot Number:** 10603  
**Manufacturing date:** 03 JUN 2024  
**Retest date:** 03 JUN 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Blue solid	Blue to dark blue solid
Purity <sup>1</sup>		
HPLC, 570 nm	85.7%	≥ 70%
HPLC, 254 nm	84.3%	≥ 70%
LCMS <sup>1</sup>	Conforms	In accordance with structure
Abs max <sup>2</sup>	578 nm	578 ± 3 nm
Em max <sup>2</sup>	609 nm	606 ± 4 nm

<sup>1</sup> After derivatization.

<sup>2</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

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Date: 03 JUN 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.*