

# Certificate of Analysis



**Product Name:** AZDye 647 NHS Ester  
**Catalog Number:** FP-1121  
**Lot Number:** 10665  
**Manufacturing date:** 13 FEB 2025  
**Retest date:** 13 FEB 2030  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark blue solid	Dark blue solid
Purity <sup>1</sup>		
HPLC, 647 nm	98.7%	≥ 95%
LCMS <sup>1</sup>	Conforms	In accordance with structure
Abs max <sup>2</sup>	648 nm	649 ± 3 nm
Em max <sup>2</sup>	664 nm	666 ± 4 nm

<sup>1</sup> After derivatization

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

Quality Assurance *Alexandra Kulyashova*

Date: 20 FEB 2025

*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.*