

# Certificate of Analysis



**Product Name:** AZDye 647 Maleimide  
**Catalog Number:** FP-1122  
**Lot Number:** 10586  
**Manufacturing date:** 05 MAR 2024  
**Retest date:** 05 MAR 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark blue solid	Blue to dark blue solid
Purity HPLC, 647nm	97.9%	≥ 95%
LCMS	Conforms	In accordance with structure
Abs max <sup>1</sup>	649 nm	649 ± 3 nm
Em max <sup>1</sup>	665 nm	665 ± 4 nm

<sup>1</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 12 MAR 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.*