

# Certificate of Analysis



**Product Name:** AZDye 647 DBCO  
**Catalog Number:** CCT-1302  
**Lot Number:** 6175  
**Manufacturing date:** 03 FEB 2025  
**Retest date:** 03 FEB 2030  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark blue solid	Dark blue to dark purple to maroon solid
Purity		
HPLC, 650 nm	99.1%	≥ 95%
LCMS	Conforms	In accordance with structure
Abs max <sup>1</sup>	650 nm	650 ± 4 nm
Em max <sup>1</sup>	667 nm	667 ± 4 nm

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

Quality Assurance

*Alexandra Kulyashova*

Date: 07 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.*