

# Certificate of Analysis



**Product Name:** AZDye 405 DBCO  
**Catalog Number:** CCT-1310  
**Lot Number:** 2116X  
**Manufacturing date:** 05 JAN 2018  
**Retest date:** 11 JAN 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

| Assay                  | Lot Data         | Specification                      |
|------------------------|------------------|------------------------------------|
| Appearance             | Pale brown solid | Off white to yellow to brown solid |
| Purity<br>HPLC, 405 nm | 99.6%            | ≥ 95%                              |
| LCMS                   | Conforms         | In accordance with structure       |
| Abs max <sup>1</sup>   | 399 nm           | 402 ± 4 nm                         |
| Em max <sup>1</sup>    | 420 nm           | 424 ± 4 nm                         |

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

Quality Assurance *Alexandra Kulyashova*

Date: 11 JAN 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.*