

Certificate of Analysis



Product Name: AZDye 647 Tyramide
Catalog Number: CCT-1543
Lot Number: 3898X
Manufacturing date: 21 JAN 2021
Retest date: 05 JUL 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, 647 nm | 98.7% | ≥ 95% |
| LCMS | Conforms | In accordance with structure |
| Abs max ¹ | 650 nm | 648 ± 4 nm |
| Em max ¹ | 668 nm | 671 ± 4 nm |

¹ Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 06 AUG 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.