

# Certificate of Analysis



**Product Name:** AZDye 594 Azide Plus  
**Catalog Number:** CCT-1481  
**Lot Number:** 6013  
**Manufacturing date:** 09 SEP 2024  
**Retest date:** 09 SEP 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

| Assay                | Lot Data       | Specification                                   |
|----------------------|----------------|---|
| Appearance           | Dark red solid | Dark red to purple to maroon to dark blue solid |
| Purity               |                |   |
| HPLC, 594 nm         | 98.6%          | ≥ 95%   |
| LCMS                 | Confirms       | In accordance with structure                    |
| Abs max <sup>1</sup> | 587 nm         | 590 ± 4 nm                                      |
| Em max <sup>1</sup>  | 617 nm         | 617 ± 4 nm                                      |

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

Quality Assurance

*Alexandra Kulyashova*

Date: 11 SEP 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.*

