

# Certificate of Analysis



**Product Name:** TAMRA Tetrazine  
**Catalog Number:** CCT-1196  
**Lot Number:** 6187  
**Manufacturing date:** 11 FEB 2025  
**Retest date:** 11 FEB 2030  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

| Assay                | Lot Data                 | Specification                |
|----------------------|--------------------------|------------------------------|
| Appearance           | Dark red amorphous solid | Dark red amorphous solid     |
| Purity               |                          |                              |
| HPLC, 550 nm         | 96.3%                    | ≥ 95% (both isomers)         |
| LCMS                 | Conforms                 | In accordance with structure |
| Abs max <sup>1</sup> | 557 nm                   | 557 ± 4 nm                   |
| Em max <sup>1</sup>  | 587 nm                   | 587 ± 4 nm                   |

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

Quality Assurance

*Alexandra Kulyashova*

Date: 26 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.*