

Certificate of Analysis



Product Name: TAMRA Alkyne
Catalog Number: CCT-TA108
Lot Number: 5434
Manufacturing date: 21 JUL 2023
Retest date: 21 JUL 2028
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 | 98.3% | ≥ 95% (both isomers) |
| LCMS | Conforms | In accordance with structure |
| Abs max ¹ | 552 nm | 553 ± 4 nm |
| Em max ¹ | 579 nm | 575 ± 4 nm |

¹ Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 25 OCT 2023

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.