

# CERTIFICATE OF ANALYSIS


## Product Identification

|                    |                              |
|--------------------|------------------------------|
| Product Name       | TAMRA ADIBO                  |
| Catalog Number     | DWR1001                      |
| Appearance         | Red Solid                    |
| Storage Conditions | Protect from Light at -20 °C |
| Lot Number         | ATD00010                     |
| Molecular Weight   | 691 g/mol                    |
| Soluble in         | DMF                          |

## Product Analysis

|                                    |               |                                    |
|------------------------------------|---------------|------------------------------------|
| Absorption * - Maximum             | Lot Data      | 544 nm                             |
|                                    | Specification | 543 ± 3 nm                         |
| Emission * - Maximum               | Lot Data      | 572 nm                             |
|                                    | Specification | 575 ± 4 nm                         |
| Extinction Coefficient * at 543 nm | Lot Data      | 40,000 /cm·M                       |
|                                    | Specification | ≥ 36,000 /cm·M                     |
| LC/MS - Identity                   | Lot Data      | meets specification                |
|                                    | Specification | consistent with mass/fragmentation |

\* Analytical Solvent : Methanol



Date of Issue : 15 Feb 2019

\*\*For Research Use Only\*\*

BioActs certifies on the date above that is an accurate record of the analysis of the subject lot, and that the data conform to all quality specifications.