

## Certificate of Analysis



**Product Name:** AQuora® TAMRA-NHS Ester  
**SKU Number:** QBD-11977LF  
**Lot Number:** JB1-QTM01-002  
**Molecular Weight:** 1130

This dye is formulated as a solid. The weight of dye in the container is increased to correct for the percent reactive group shown below in the test results table.

ASSAY	SPECIFICATION	LOT DATA
Appearance	Pink solid	Pink solid
Absorbance Maximum (nm) <sup>†</sup>	554 nm ± 4 nm	554 nm
Purity by HPLC-UV*	≥ 75%	92.6%
Percent Reactive Group by HPLC-UV**	>85%	93.9%

<sup>†</sup>All spectrophotometric measurements are performed in a phosphate buffered saline (PBS) solution at pH 7.4.

\* Dye purity is determined by HPLC-UV at the maximum absorbance wavelength and is the mean of three (3) samples.

\*\*The percent reactive group is determined by HPLC-UV at the maximum absorbance wavelength and is the mean of three (3) samples.

This document certifies that Lot JB1-QTM01-002 was analyzed and released by Vector Laboratories Quality Control on October 16, 2024, and was found to meet the currently established test parameters.

A handwritten signature in blue ink, appearing to read 'Dave Schory'.

Dave Schory, M.S.  
QC Manager

*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.*