

Certificate of Analysis



Product Name: AQuora® TX595-TFP Ester
SKU Number: QBD-11896SD
Lot Number: JS1-A1206-012
Molecular Weight: 1360

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	Violet solid	Violet solid
Absorbance Maximum (nm) [†]	592 nm ± 4 nm	593 nm
Purity by HPLC-UV*	≥ 75%	94.5%
Percent Reactive Group by HPLC-UV**	>85%	99.7%

[†]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 JS1-A1206-012 was analyzed and released by Vector Laboratories Quality Control on December 2, 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.