

Certificate of Analysis



Product Name: AZDye 594 NHS Ester
Catalog Number: FP-1101
Lot Number: 10098
Manufacturing date: 06 NOV 2023
Retest date: 06 NOV 2028
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark blue solid	Dark blue solid
Purity ¹		
HPLC, 594 nm	81.1%	≥ 70%
HPLC, 254 nm	84.4%	≥ 70%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	590 nm	590 ± 4 nm
Em max ²	622 nm	618 ± 4 nm

¹ Derivatized with butylamine. Purity value represents total reactive dye content.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 22 DEC 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.