

Certificate of Analysis



Product Name: AZDye 594 NHS Ester
Catalog Number: FP-1101
Lot Number: 10611
Manufacturing date: 18 JUN 2024
Retest date: 18 JUN 2029
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	88.3%	≥ 70%
HPLC, 254 nm	88.4%	≥ 70%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	590 nm	590 ± 4 nm
Em max ²	623 nm	618 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 21 JUN 2024

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.