

Certificate of Analysis



Product Name: AZDye 680 NHS Ester
Catalog Number: FP-1791
Lot Number: 10618A
Manufacturing date: 17 JUL 2024
Retest date: 17 JUL 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark blue solid	Blue to dark blue solid
Purity ¹		
HPLC, 680 nm	97.4%	≥ 95%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	676 nm	679 ± 3 nm
Em max ²	699 nm	701 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 29 JUL 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.