

Certificate of Analysis



Product Name: AZDye 647 NHS Ester
Catalog Number: FP-1121
Lot Number: 10647
Manufacturing date: 07 JAN 2025
Retest date: 07 JAN 2030
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, 647 nm	99.6%	≥ 95%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	648 nm	649 ± 3 nm
Em max ²	667 nm	666 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 09 JAN 2025

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.