

Certificate of Analysis



Product Name: AZDye 647 Maleimide
Catalog Number: FP-1122
Lot Number: 10614B
Manufacturing date: 03 JUL 2024
Retest date: 03 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 HPLC, 647nm	95.6%	≥ 95%
LCMS	Conforms	In accordance with structure
Abs max ¹	649 nm	649 ± 3 nm
Em max ¹	664 nm	665 ± 4 nm

¹ Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 26 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.