

# Certificate of Analysis



**Product Name:** Cy5 Maleimide  
**Catalog Number:** FP-1322  
**Lot Number:** 1R599  
**Manufacturing date:** 05 JUN 2024  
**Retest date:** 05 JUN 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Blue solid	Blue to dark blue solid
Purity		
HPLC, 650 nm	92.1%	≥ 90%
HPLC, 254 nm	92.0%	≥ 90%
LCMS	Conforms	In accordance with structure
Abs max <sup>1</sup>	645 nm	648 ± 4 nm
Em max <sup>1</sup>	661 nm	660 ± 4 nm

<sup>1</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

---

Date: 10 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.*