

Certificate of Analysis



Product Name: MB 680R NHS Ester
Catalog Number: FP-1671
Lot Number: 1X139
Manufacturing date: n/a
Retest date: 11 JUN 2028
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	91.6%	≥ 70%
HPLC, 254 nm	88.5%	≥ 70%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	682 nm	685 ± 4 nm
Em max ²	700 nm	701 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 11 OCT 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.