

# Certificate of Analysis



**Product Name:** 5-ROX NHS Ester  
**Catalog Number:** FP-1274  
**Lot Number:** 10658  
**Manufacturing date:** 23 JAN 2025  
**Retest date:** 23 JAN 2030  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark purple solid	Dark purple to brown to maroon solid
Purity <sup>1</sup>		
HPLC, 580 nm	90.1%	≥ 85%
HPLC, 254 nm	87.0%	≥ 85%
LCMS	Conforms	In accordance with structure
Abs max <sup>2</sup>	584 nm	582 ± 4 nm
Em max <sup>2</sup>	609 nm	606 ± 4 nm

<sup>1</sup> After derivatization

<sup>2</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 30 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.*