

# Certificate of Analysis



**Product Name:** MB 543 DBCO  
**Catalog Number:** CCT-1174  
**Lot Number:** 5579  
**Manufacturing date:** 13 NOV 2023  
**Retest date:** 13 NOV 2028  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

| Assay                  | Lot Data  | Specification                |
|------------------------|-----------|------------------------------|
| Appearance             | Red solid | Red to dark red solid        |
| Purity<br>HPLC, 543 nm | 98.1%     | ≥ 95%                        |
| LCMS                   | Conforms  | In accordance with structure |
| Abs max <sup>1</sup>   | 547 nm    | 543 ± 4 nm                   |
| Em max <sup>1</sup>    | 565 nm    | 563 ± 4 nm                   |

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

Quality Assurance *Alexandra Kulyashova*

Date: 13 NOV 2023

*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.*