

**Catalog Number** B30466  
**Product Name** BODIPY™ TMR C<sub>5</sub>-maleimide  
**Appearance** red solid  
**Lot Number** 2729794

|                                  | LOT DATA                               | SPECIFICATION                                 |
|----------------------------------|--|---|
| <b>Absorption<sup>1</sup></b>    |  |   |
| Maximum                          | 544 nm                                 | 544 ± 3 nm                                    |
| Extinction                       | 59600 cm <sup>-1</sup> M <sup>-1</sup> | 59000 ± 4500 cm <sup>-1</sup> M <sup>-1</sup> |
| <b>Fluorescence<sup>1</sup></b>  |  |   |
| Emission Maximum                 | 571 nm                                 | 570 ± 4 nm                                    |
| <b>HPLC</b>                      |  |   |
| Purity                           | 99 % at 544 nm                         | ≥ 90 % at 544 nm                              |
| <b>NMR</b>                       |  |   |
| Result                           | meets specification                    | consistent with structure                     |
| <b>Miscellaneous Information</b> |  |   |
| Material Lot Number              | 2617921                                | n.a.  |

1. Solvent: Methanol



Zach Luedtke, Quality Assurance Manager  
 14-Mar-2023

*Life Technologies Corporation 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.*