

**Figure 1.** Chemical structure and absorption spectrum of erythrosine [[43](#_ENREF_43)].



**Figure 2.** Emission spectrum of the blue LED (Emitter C, Schuster, Santa Maria, RS, Brazil).



**Figure 3.** Mean and standard deviation of the number of CFU/mL (log10) obtained from PDI of planktonic cultures of *S. mutans* mediated by erythrosine 10 µM and blue LED, p = 0.3644.



**Figure 4.** Median values (crossbar), interquartile range (IQR box), minimum and maximum values of CFU/mL (log10) obtained from PDI of planktonic cultures of *S. mutans* mediated by erythrosine 10 µM and blue LED.