

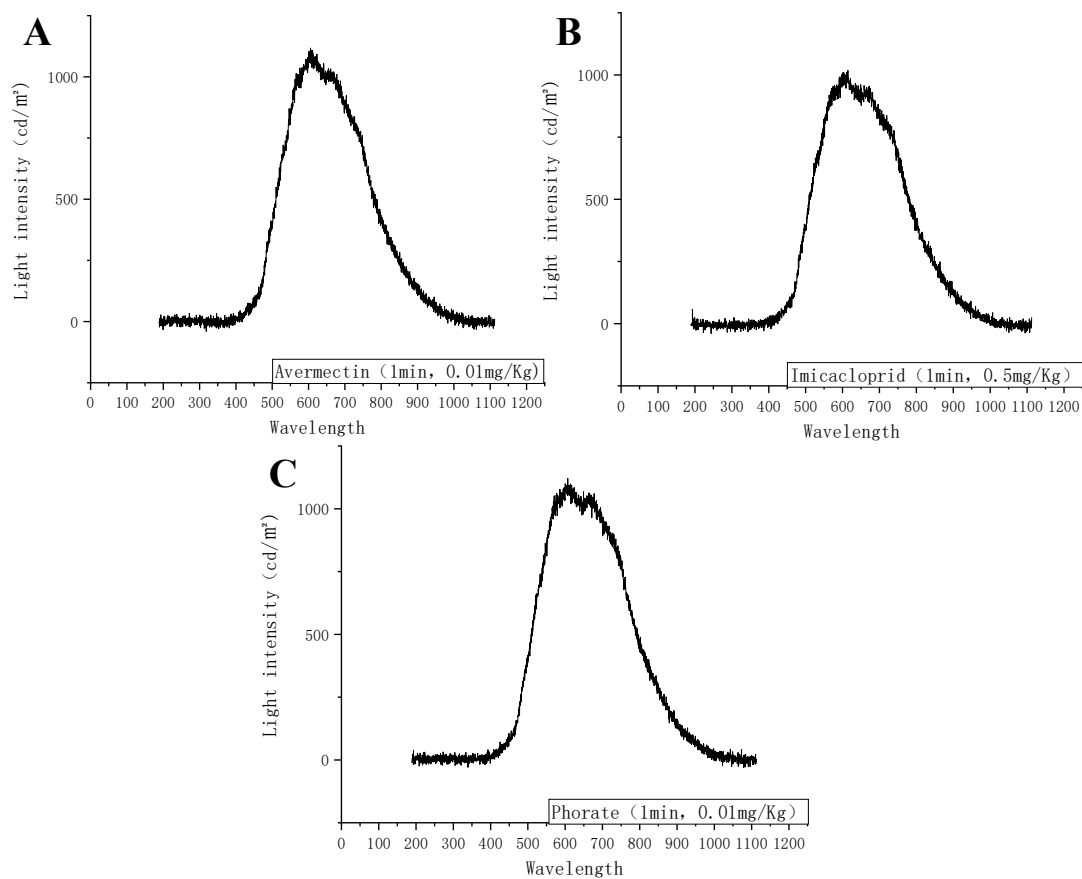


Figure S1. The tested reflected light intensity spectrum from 118nm to 1112nm wavelength, and the figures are recorded by (A) avermectin (0.01mg/Kg), (B) imidacloprid (0.5mg/Kg), and (C) phorate (0.01mg/Kg), when the reaction of the tested chip arrives its 60s.