Electronic Supplementary Information

for

"TLC - Smartphone in Antibiotics Determination and Low-Quality Pharmaceuticals Detection"

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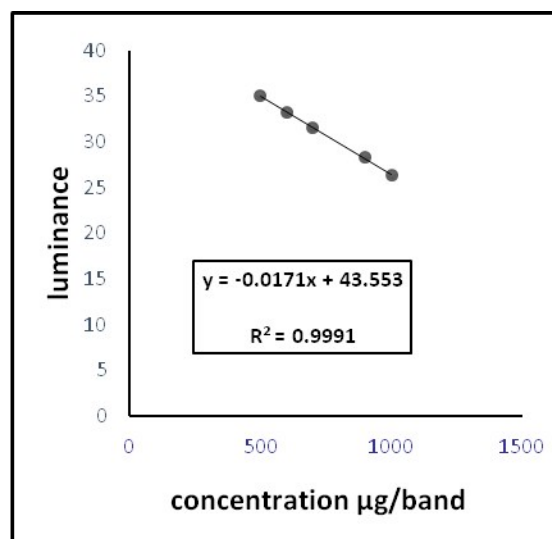
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Figure S1:
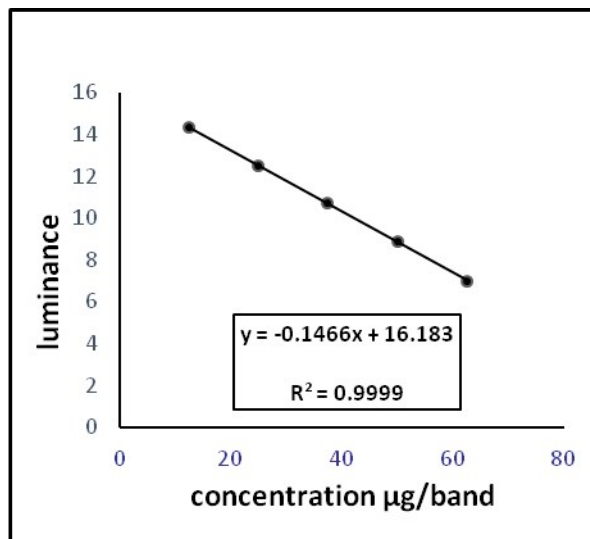
(S1a)　　　　　　　　　　　　　　**(S1b)**

Figure S1. (S1a) The relation between OFL concentration per spot and the calculated luminescence of recorded image using CCD smartphone camera. (S1b) The relation between ORN concentration per spot and the calculated luminescence of recorded image using CCD smartphone camera. The points on the graphs are the mean value of three replicates.

Figure S2:
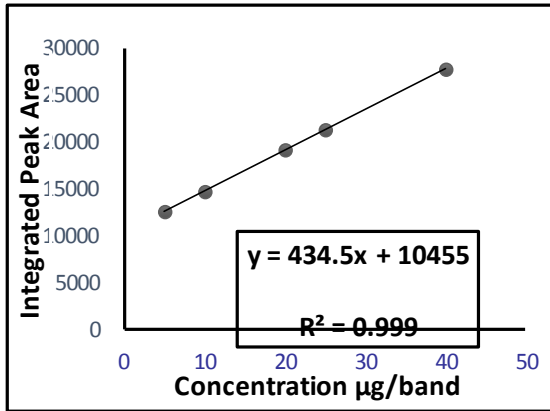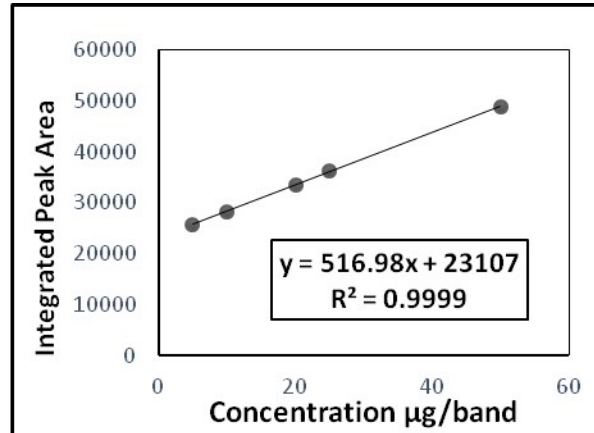
(S2a)   **(S2b)**

Figure S2. (S2a) Linearity of the peak area to the corresponding concentrations of Ofloxacin in concentration range (5-40 µg/band) at 320.0 nm using n-butanol: methanol: ammonia (8:1:1.5, by volume) as a developing system. (S2b) Linearity of the peak area to the corresponding concentrations of Ornidazole in concentration range (5-50 µg/band) at 320.0 nm using n-butanol: methanol: ammonia (8:1:1.5, by volume) as a developing system.