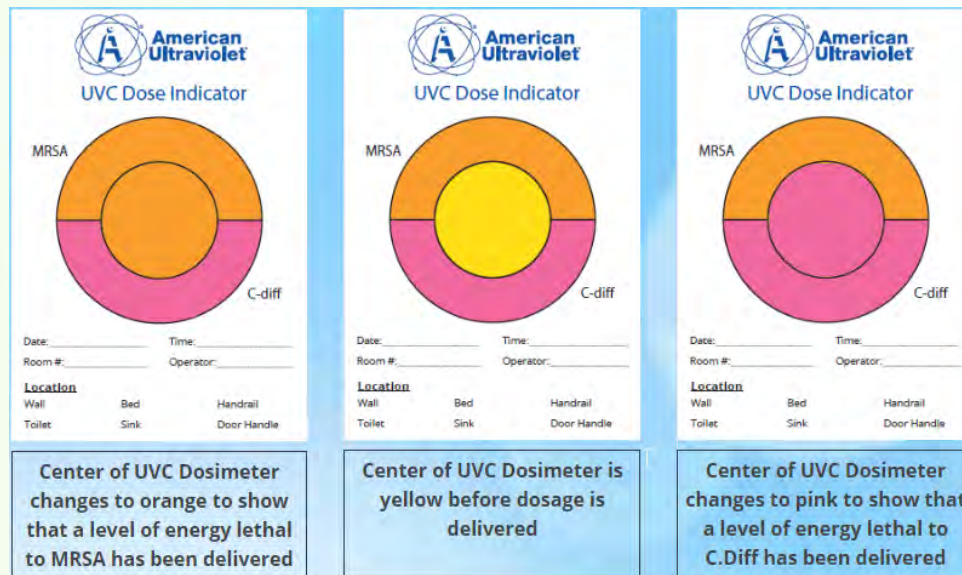




How do we know if this device is working or not?

There are two ways to determine the performance and Kill rate.

1) Using a dosimeter that measures the UV-C radiation within the 254nm range. The dosimeter color change indicates the strength of UV-C radiation using a pre-printed color scale per the samples below:



MRSA needed 50mJ/cm<sup>2</sup> which also kills pathogens such as:

Escherichia Coli

Salmonella typhimurium

Pseudomonas aeruginosa

Acinetobacter Baumannii

Listeria monocytogenes

Staphylococcus aureus

Bacillus subtilis

Penicillium

Brewer's/Baker's Yeast

Serratia Marcescens

C-diff requires 100mJ/cm<sup>2</sup> which kills Aspergillus flavus.

2) The second method is to check the published test results from the US.