

**DEPARTMENT of MATERIALS ENGINEERING**  
**Indian Institute of Science**  
**BANGALORE**

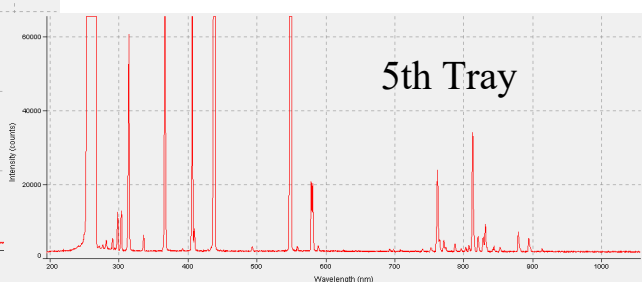
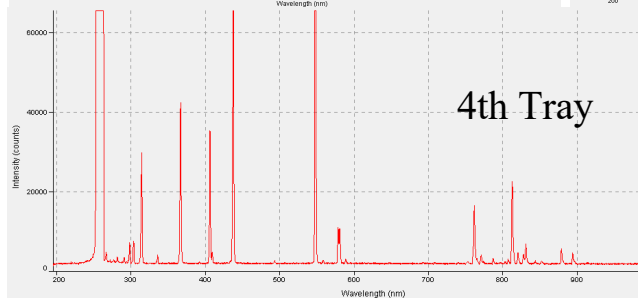
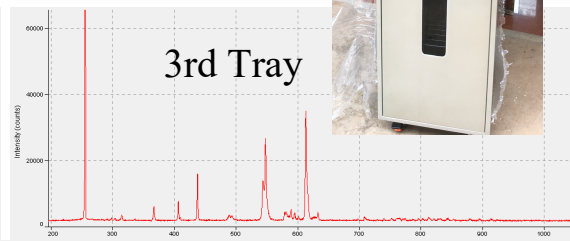
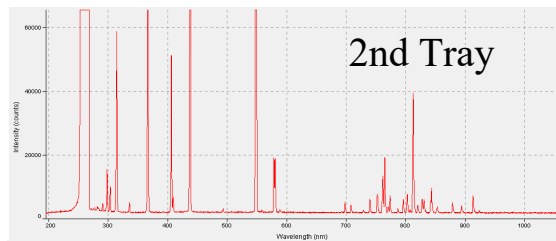
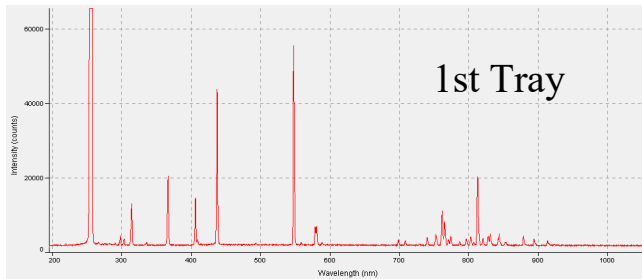


**PRAVEEN C. RAMAMURTHY**  
**Professor**

To whom it may concern:

14<sup>th</sup> August 2020

I have tested the CROMACO system that was brought to our laboratory at Indian Institute of Science. According to the literature, the minimum irradiance required to treat coronavirus is about 611 Micro Joules/cm<sup>2</sup> for 254 nm. Based on our calculation from your setup we are getting >2110 Micro Joules/cm<sup>2</sup> at various positions from the light source. In addition, there is no apparent blind spots and no apparent leakage from the container.



Feel free to contact me if you require further information.

With best regards

*Praveen C.R*

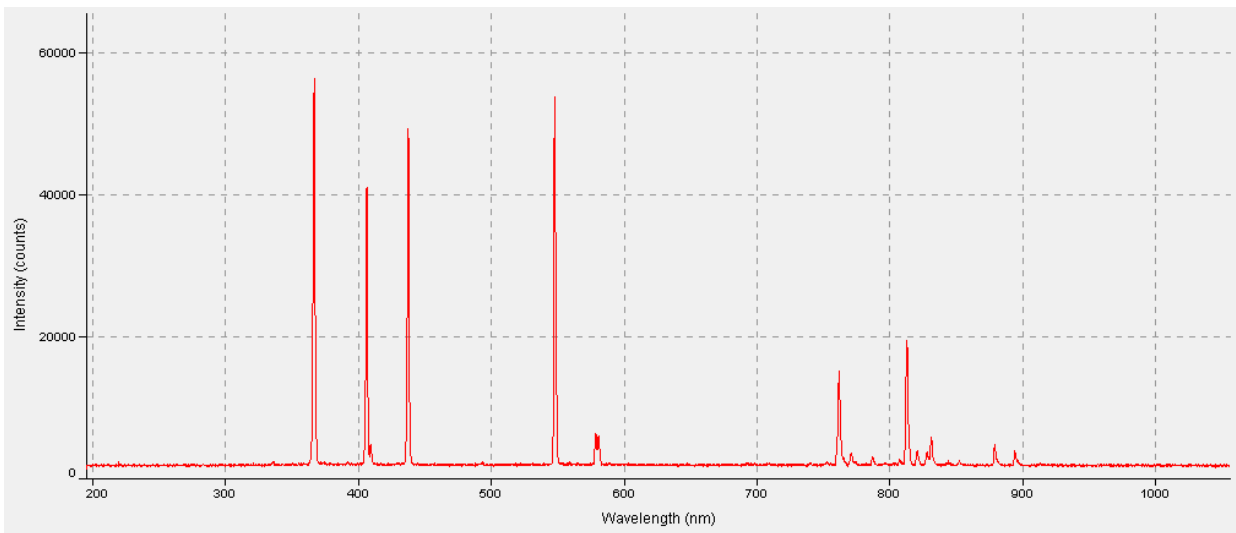
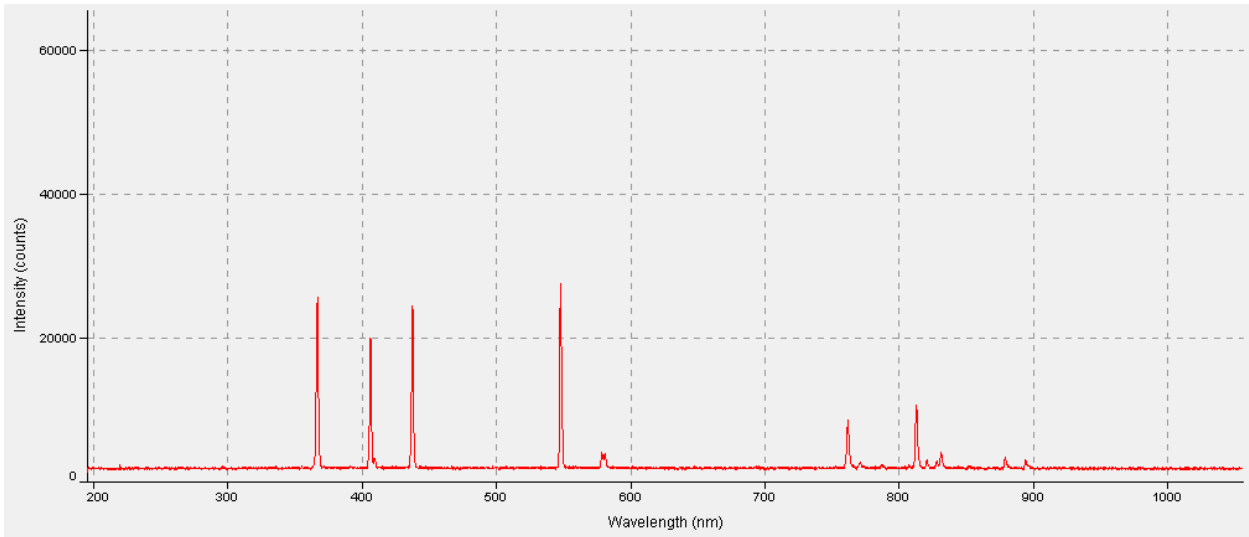
Praveen C Ramamurthy

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No leakage is observed through the glass of the enclosure



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Leakage was observed before modification through the door edges

