

## **Fabrication Optical Filters to Enhance the Contrast for Black and White Photomicrograph Film**

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### **ABSTRACT**

In this research we fabricated a gelatin optical filter to enhance the contrast in black and white photomicrograph film for biological stained specimen with the basic fuchsin dye.

From the absorption and transmission spectra of different dyes with different concentrations, the results show that the mixture of methyl green and methyl orange with weight ratio(8/1)of concentrations (0.044 and 0.356) gm/L are in a good agreement with that of standard filter .

/ ( 0.044 0.356) (8/1)