

Gamma Radiation Attenuation In Biological Materials

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Abstract:

The primary goal of this research was to study the gamma radiation absorbed by biological materials of varying thicknesses using a Geiger-Müller counter. For each material, the attenuation coefficient, half-value layer (HVL), and mass absorption coefficient was determined experimentally. Due to the outbreak of COVID-19, the experiments were not completed and the focus shifted to literature survey.