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TEST REPORT OF X –RAY RADIATION SHIELDING MATERIAL EFFICIENCY

The X-Ray Radiation Shielding material which is produced by Şükran CAN is tested by our laboratory. The purpose of this report is to measure the efficiency of this shielding material.

63.3 keV , 661.7 keV , 1173.2 keV and 1332,5 keV energies of electromagnetic wave radiations is sent on this shielding material. 115 Cc HPGe gamma detector spectrometric system is used. This shielding material is put between detector and gamma ray source. In the presence and the absence of shielding material the measurements is made. As the result X-Ray radiation is shielded 100 %.up to 100 keV energies of electromagnetic wave radiations .

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