

Some optical methods of detecting pathogenic nano-bio-particles. / K. Kapanadze, G. Kakabadze, V. Kvintradze. / Nano Studies. – 2015. – # 11. – pp. 201-206. – eng.

For detecting and identification of nano-bio-particles (NBP) different optical methods of contact as well as non-contact types are considered. There was said that, contact systems would be suitable for collecting physical data (size, shape, mass, binding energy, electric magnetic and optical characteristics, etc.) of NBP for application them to stand-off detection systems. Both type of methods are very useful, they have their positive and negative sides, and in the case of acting together would better solve the problems of detection of pathogenic NBP. Fig. 1, Ref. 7.

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