

## **Nanoparticles of zinc oxide on the base of depleted zinc: characteristics and registration**

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**Keywords:** *zinc oxide nanoparticles, isotopically modified nanoparticles, registration of nanoparticles.*

### **Abstract**

The new type of zinc oxide nanoparticles – isotopically modified nanoparticles based on depleted zinc was produced in order to control the behavior of nanoparticles in the environment. The possibility has been shown for reliable registration of isotopically modified nanoparticles in the objects with natural zinc by the method of mass spectrometry of inductively coupled plasma.