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The use of emission spectroscopy to determine the physicochemical characteristics of powders, raw materials and industrial emissions

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Abstract

We carried out the research to establish the universal scheme of analytical control of the inorganic components of gunpowder, raw materials, and industrial emissions. As a test method there was chosen the emission spectroscopy, which allows to perform the analysis of powders at a minimum of time without significant restructuring the test run for a wide range of compounds. Statistical evaluation of the metrological characteristics of the developed test methods has also been made.