

Chemiluminiscent monitoring of antioxidants – inhibitors of free radical oxidation of lipids

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Keywords: *oxi-chemiluminiscence of hydrocarbons, antioxidants in lipids, chemiluminiscent definition.*

Abstract

Foundations of chemiluminiscent definition of concentration and reactivity of antioxidants have been discussed: mechanism of oxi-chemiluminiscence of hydrocarbons, principle for choosing the standard oxidizing mixture, construction of chemiluminometer, program for processing the results. The examples of using chemiluminiscent method for analyzing natural antioxidants in lipid samples have been given.