

Thermochemical analysis of flax fiber

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Abstract

Research of flax fiber by the method of thermogravimetric and the differentially-thermal analysis was conducted. Flax fiber is obtained in the conditions of flax cultivation on dernovo-podsolic soils in Moscow Region and treating the plants after sprouting by various plant growth regulators. By the results of the analysis the chemical composition of the flax fiber is defined; activation energy of macrocomponents are calculated.