

## THERMODYNAMIC CHARACTERISTICS OF ELEMENTS IN SUNFLOWER SEEDS

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**Abstract.** *Experimental uniform potentials weight carrying over and specific isothermal weight capacity covers and kernels seed sunflower are defined. The method based on definition moisture content directly contacting investigated and reference bodies which are in a condition of dynamic balance is for this purpose applied.*

*On the basis of received authors and other researchers of experimental data deduce 14 equations of regress that is quite enough for numerical researches of mathematical models of processes of drying of seeds of sunflower.*

*The technique of definition of experimental uniform potential weight carrying over and specific isothermal weight capacity with reference to a cover is finished and to a kernel of seeds of sunflower, time of endurance of samples before thermodynamic balance of investigated materials and a filtering paper in particular is established. The received results give the chance to define optimum conditions of realisation of processes, that finally leads to increase of production efficiency and quality of production.*

**Key words:** *thermodynamic characteristics, potential of moisture transport, moisture content, specific isothermal massenkoff, reference body, mass-transfer degree*