

Temperature dependence of generating EDC in microbial bio-fuel element on the basis of cells *Gluconobacter oxydans* and mediator 2,6-dichlorophenolindophenole

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Abstract

Influence of temperature on the value and time of achieving the maximum value of generated EDP in microbial bio-fuel element basing on *Gluconobacter oxydans* cells and mediator 2,6-dichlorophenolindophenole has been detected. Thermodynamic functions (change of Gibbs free energy, entropy, enthalpy) have been obtained.