**Supplementary material**

**to**

**Cooperation of enzymes involved in carbohydrate digestion of Colorado potato beetle (*Leptinotarsa decemlineata,* Say)**

**Eszter Szilágyia, Csaba Hámorib, Piroska Bíró-Molnára, Lili Kandrab, Judit Remenyika, Gyöngyi Gyémántb\***

*ªInstitute of Food Technology, Faculty of Agricultural and Food Sciences and Environmental Management, University of Debrecen, H-4032 Debrecen, Hungary*

 *bDepartment of Inorganic and Analytical Chemistry, Faculty of Sciences and Technology, University of Debrecen, H-4032 Debrecen, Hungary*

Figure S1. Thermal stability of *Leptinotarsa decemlineata* α-amylase on GalG2-CNP substrate



Figure S2. The pH dependence of α-amylase activity from *L. decemlineata* larvae measured on GalG2CNP substrate



Figure S3. Kinetic curves of enzyme reactions on PNP-α-G: , PNP-β-G: and GalG2CNP: substrates using *L. decemlineata* gut extract as enzyme source.