

PURIFICATION AND SOME CATALYTIC PROPERTIES OF GLUTATHIONE PEROXIDASE FROM RAT LIVER AT NORM AND UNDER TOXIC HEPATITIS

K. K. Shulgin, T. I. Rakhmanova, T. N. Popova, A. A. Agarkov

High purified enzyme preparations of glutathione peroxidase from liver of intact and subjected to experimental toxic hepatitis rats have been obtained using gel-filtration on Sephadex G-25, ion-exchange chromatography on DEAE-cellulose, concentration cell Millipore and gel-chromatography on Toyopearl HW-65. Some catalytic properties of the enzyme at norm and under pathology have been investigated.