a 2008 0031

The invention refers to agriculture, namely to the livestock breeding, being a process for obtaining a vitaminoproteic feed additive for animals.

The process for obtaining a vitaminoproteic feed additive for animals provides for the biochemical treatment of distillery refuse obtained at distillation of alcohol from wine, preliminarily photocatalytically treated, with addition to 1 g/L of CCO of hydrogen peroxide  $H_2O_2$  and cobalt(II) nitrate, in the quantity of:

hydrogen peroxide (33%), ml/L 0,1...0,5 cobalt(II) nitrate (recalculated

for metal), g/L 0,01...0,02,

the photocatalytic treatment being carried out with ultra-violet rays having a length of 180...300 nm and an intensity of 10...20 kJ/cm<sup>2</sup>·min, then follows the anaerobic fermentation, concentration of the obtained sediment and mixing thereof with liquid yeast in the ratio of 1:(0,2...0,5), pressing, milling and drying of the obtained product.

The result consists in the possibility of dosing the cobalt-containing substances, which in the presence of hydrogen peroxide provide for the photocatalytic hydrolysis of the biochemically hard-splittable polyphenols and formation of the active sludge, containing an increased quantity of biologically active substances.

Claims: 1