

A method for leather treatment comprises integrated process of pickle salting and the first phase of tanning with chromium-containing protein hydrolizate and the second phase of chromium tanning. A hydrolizate of 35-40% concentration in quantity of 3-4% of offal weight, obtained by treatment of chromium chipping with a mixture of sulphuric acid and a concentrate, is used as chromium-containing protein hydrolizate. The concentrate represents a mixture of C₁-C₄ organic acids, formed by processing waste water of synthetic fatty acid production, followed by modification with urea in quantity of 2.0-2.5% of offal mass. The second mass of chromium tanning is carried out on waste liquid after integrated process of pickle salting and the first phase of tanning.