

The invention relates to the wine industry, in particular to an installation for neutralization of wine-making by-products containing Berlin blue.

The installation, according to the invention, includes a capacity for by-product dilution (8), three capacities for preparation of the lime cream (11), the HCl (13) and FeCl₃ (14) solutions, correspondingly, a battery of seven capacities joined cyclically for ferrocyanide dissolution with lime cream and subsequent washing of the solid phase with water (1-7), a capacity-reactor for collection of the solid phase with the solubilized ferrocyanides, neutralization thereof with HCl solution and reprecipitation of the Berlin blue with FeCl₃ solution (9), a filter for concentration of the Berlin blue and of the neutralized by-products (12) and a capacity for collection thereof (10). At the same time, the capacity for by-product dilution (8), the capacity for lime cream preparation (11), the capacity-reactor (9) and the capacity for neutralized by-products collection (10) are joined with each of the seven capacities of the battery (1-7), the capacities for preparation of HCl (13) and FeCl₃ (14) solutions are joined with the capacity-reactor (9), the latter and the capacity for neutralized by-products collection (10) being joined with the filter (12).

Claims: 1

Fig.: 1

