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The invention relates to a process for biochemical decontamination of ferro-ferricyanide compounds in the wine-making waste.

The process, according to the invention, includes mixing of the defecate, representing a sugar waste and comprising polysaccharides and microorganisms of *Pseudomonas*, *Sphaerotilus* and *Azotobacter* kinds, with wine-making waste in the mass ratio of (3...5):(0,05...0,10) respectively, with subsequent dilution with water up to the attainment of a content of the ferro-ferricyanide compounds of 100...150 mg/dm<sup>3</sup>, afterwards there follows the aerobic fermentation during 60...72 hours in aeration conditions, at the same time the aeration is carried out with an air specific rate of 80...100 m<sup>3</sup>/m<sup>3</sup> of mixture per hour.

Claims: 1