

Method for biological treatment of wastewater to remove amines comprises preparing active substance and introducing it into wastewater, wherein substance contains microorganisms of the genus *Pseudomonas*, which are obtained by isolation from wastewater to be treated, wherein active substance contains a complex of cultures of photosynthetic bacteria: *Rhodopseudomonas polustris*; *Rhodopseudomonas consularia*; *Rhodopseudomonas shacroides* in equal proportions, to which embryophytes *Pistia stratiolates* L. and *Pontederia crassipes* Mart. are additionally introduced into a single trophic chain, wherein the ratio of photosynthetic bacteria to the first and second types of embryophytes is 1:20:70 by mass.