

ABSTRACT

Provided is a method for producing aqueous hydrogen peroxide solution, the method capable of reducing impurities such as organic substances and preventing the occurrence of foaming and odor. The solution for the aforementioned problems is a method for producing a purified aqueous hydrogen peroxide solution, the method including a predetermined osmosis membrane treatment process of bringing a crude aqueous hydrogen peroxide solution containing impurities into contact with a reverse osmosis membrane. That is, the aforementioned problems are solved by a method for producing a purified aqueous hydrogen peroxide solution, in which a first integrated value that is the integrated value of the pressure and the linear velocity are adjusted so that the pressure of reverse osmosis membrane (MPaG) and the linear velocity of the aqueous hydrogen peroxide solution ($\text{m}^3/(\text{m}^2 \cdot \text{h})$) is less than 0.15 in the osmosis membrane treatment process.