

PROCESS FOR PRODUCING A PURIFIED AQUEOUS HYDROGEN

PEROXIDE SOLUTION

Abstract

The present invention provides a process for producing a highly purified aqueous hydrogen peroxide solution from which silicon oxide impurities are removed to a minimum by
5 purifying an aqueous hydrogen peroxide solution containing silicon oxide impurities.

The present invention comprises a process for producing a purified aqueous hydrogen peroxide solution by removing silicon oxide impurities contained in an aqueous hydrogen
10 peroxide solution, which comprises:

adding a flocculating agent to an aqueous hydrogen peroxide solution containing silicon oxide impurities, and filtering out impurities of solid content contained in the aqueous hydrogen peroxide solution with a precision filter,
15 thereafter

bringing the aqueous hydrogen peroxide solution obtained as above into contact with an anion exchange resin in a fluoride ion form by at least one fluoride compound which contains 0.05 % by weight or less of SiF_6 and is
20 selected from the group consisting of sodium fluoride, potassium fluoride and ammonium fluoride.