

ABSTRACT

Provided are a method and system for measuring hydrogen peroxide concentration that make it possible to continuously and highly accurately quantify the hydrogen peroxide in sample water. This method is for measuring the hydrogen peroxide concentration in sample water collected from a prescribed position in a water treatment process and includes: a collection step for collecting the sample water; a correction value obtaining step of measuring a concentration of a dissolved oxygen in the sample water or a treated water obtained by treating the sample water with the hydrogen peroxide decomposing means by a first dissolved oxygen concentration measuring means and a second dissolved oxygen concentration measuring means to obtain a corrected value that is a difference between the two dissolved oxygen concentration values in this step; a measured value obtaining step of measuring the concentration of the dissolved oxygen in the sample water by the first dissolved oxygen concentration measuring means, measuring the concentration of the dissolved oxygen in the treated water by the second dissolved oxygen concentration measuring means, and obtaining a measured value that is a difference between the two dissolved oxygen concentration values in this step; and a calculation step of calculating a corrected concentration of hydrogen peroxide from the measured value obtained in the measured value obtaining step and the corrected value obtained in the corrected value obtaining step.