ABSTRACT

A method of determining composition of an aqueous solution is disclosed. The method includes obtaining the aqueous solution, removing oxygen from the aqueous solution, determining concentration of dissolved oxygen, removing hydrogen peroxide from the aqueous solution, and determining concentration of dissolved oxygen. The method includes calculating the difference between the concentrations of dissolved oxygen to determine concentration of hydrogen peroxide. A system for determining composition of an aqueous solution is also disclosed. The system includes a feed line connectable to a source of the aqueous solution, an oxygen removal unit, a hydrogen peroxide removal unit, and dissolved oxygen analyzers.

[FIG. 2]