ABSTRACT

The present invention provides a method for producing a tetraalkylammonium hydroxide aqueous solution through electrolysis of a tetraalkylammonium salt aqueous solution. The tetraalkylammonium salt aqueous solution contains 500 mass ppb or less of a halogenated tetraalkylammonium salt relative to the tetraalkylammonium salt. This allows for industrially efficient production of a tetraalkylammonium hydroxide aqueous solution with a reduced chloride ion concentration.