

ABSTRACT

The present invention provides a method for producing a purified isopropyl alcohol aqueous solution from a low water content isopropyl alcohol waste liquid that contains toluene as an impurity, the method including a low-boiling distillation step in which the low water content isopropyl alcohol waste liquid is supplied to a starting material supply stage of a distillation column, and a liquid distillate that contains toluene is extracted from the column top of the distillation column, while extracting a column bottom liquid that contains isopropyl alcohol and water from the column bottom of the distillation column. In this method for producing a purified isopropyl alcohol aqueous solution, the water content in the liquid phase at the starting material supply stage of the distillation column is adjusted to be within the range of 70 mass% to 95 mass% inclusive.