OXYGEN-ENRICHED WATER COMPOSITION, BIOCOMPATIBLE COMPOSITION COMPRISING THE SAME, AND METHODS OF PREPARING AND USING THE SAME

ABSTRACT

Provided is use of an oxygen-enriched water composition comprising water and oxygen in the manufacture of a medicament for treatment and/or prevention of hyperuricemia, wherein: (a) the oxygen-enriched water composition comprises an oxygen content of no less than 20 ppm when the oxygen content of the oxygen-enriched water composition is measured at a temperature ranging from 4 °C to 50 °C; and (b) the oxygen content of the oxygen-enriched water composition has a temporal stability and a temperature stability characterized by the following features: provided that the oxygen content measured at a given time point t_0 is 100%, the oxygen content measured at 30 minutes from the given time point t_0 is A%, and the oxygen content measured at 180 minutes from the given time point t_0 is B%, then a difference between A% and B% is less than 24%; and the oxygen content is maintained at no less than 20 ppm when the oxygen-enriched water composition is placed under a temperature ranging from 30 °C to 40 °C for at least 60 minutes.