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

ABSTRACT

Provided is an oxygen-enriched water composition comprising water and oxygen, 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 that is characterized by the following feature: provided that the oxygen content measured at a given time point $\mathbf{t_0}$ is 100%, the oxygen content measured at 30 minutes from the given time point $\mathbf{t_0}$ is A%, and the oxygen content measured at 180 minutes from the given time point $\mathbf{t_0}$ is B%, then a difference between A% and B% is less than 24%.