ABSTRACT
DRUG SOLUTION HAVING REDUCED DISSOLVED OXYGEN CONTENT, METHOD OF PRODUCING THE SAME AND DRUG SOLUTION CONTAINING UNIT HAVING REDUCED DISSOLVED OXYGEN CONTENT

It is an object of the present invention to provide a drug solution which has a reduced dissolved oxygen content and is less susceptible to oxidative degradation and highly stable over time, a production method therefor, and a drug solution containing pack which is capable of maintaining the dissolved oxygen content of a drug solution at a reduced level, less susceptible to oxidative degradation of the drug solution and highly stable over time. To achieve the aforementioned object, the reduced-dissolved-oxygen-content drug solution is produced by filling and sealing the drug solution in a drug solution container (15) formed of a plastic material having an oxygen permeability of not lower than 200 $cm^3/m^2 \cdot 24h \cdot atm$ at 25°C at 60%RH within 12 hours after a steam sterilization process or a hot water sterilization process and having a steady-state oxygen permeability of not higher than 100 $cm^3/m^2 \cdot 24h \cdot atm$ at 25°C at 60%RH, subjecting the drug solution container to the steam sterilization process or the hot water sterilization process, and storing the drug solution container in an environment having deoxidization means for reducing the dissolved oxygen concentration of the drug solution to not higher than 2 ppm when the oxygen

permeability of the plastic material reaches the steady-state level.

FIG. 5