

AQUATIC ZEBRAFISH CORE

3% Methyl Cellulose

To make a 200 ml preparation of 3% methylcellulose, chill 130 ml of water at -20 °C for 30 min and place on ice. Heat 70 ml of water to 80 °C in a glass beaker, add 6 g of methylcellulose, and agitate using a glass rod until all particles are wetted and evenly dispersed. Add the ice-cold water, mix, and allow the preparation to cool at 4 °C for 30 min before aliquoting into 50 ml tubes.

NOTE: Lowering the temperature allows the methylcellulose to become soluble. The solution will become thicker as the powder hydrates. 3% methylcellulose can be stored without bacterial growth for short periods of a week at 4 °C or longer at -20 °C. Make sure the methylcellulose has reached RT before use.