

YSI 9800 reagent instructions

Magnesium - 10 - 50 mg/L (YAP193L)

Photometric test for Magnesium in natural and drinking water

Color change	Colorless to purple	
Range	10 - 50 mg/L Mg	
Notes	The 10 - 50 mg/L test option involves a dilution factor of 5 (steps 1 - 2). This dilution is accounted for in the final test value (step 7).	

01



Add 2 mL of sample to a photometer tube. Then, fill to the 10 mL line with DI water.

02



Use this to "blank" the instrument. Place in the cell holder and press **Blank**.

03



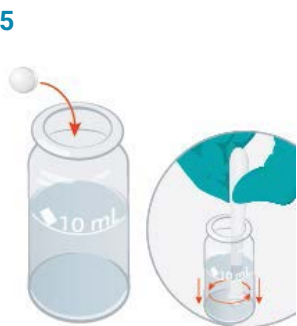
Prepare sample by adding 12 drops of Magnecol liquid reagent 1 and stir.

04



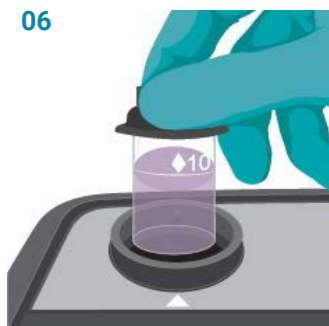
Prepare the sample by adding 6 drops of Magnecol liquid reagent 2 and stir.

05



Add a Magnecol tablet. Thoroughly crush and stir until fully dissolved.

06



Place in the cell holder and press **Measure**.

07



Allow time to count down 2 minutes. The result for Magnesium will be displayed.