

YSI 9800 reagent instructions

Manganese LR (YAP173L)

Photometric test for Manganese (low range) in natural water

Color change	Colorless to turquoise 
Range	0 - 0.03 mg/L Mn
Notes	Manganese is absorbed onto surfaces of sample containers, so test as soon as possible after sample collection. Ensure all glassware is clean. Acid rinsing is highly recommended.

01



Fill to the 10 mL line with sample. Note: Sample temperature needs to be between 19 - 21 °C.

02



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

03



Add two drops of Manganese LR liquid reagent.

04



Add one Manganese LR No 1 tablet, crush, and stir.

05



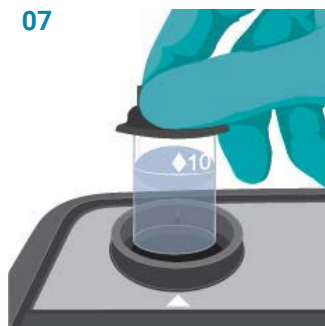
Add a Manganese No 2 tablet, crush, and stir.

06



Allow to stand for 20:00. Press **Measure** to start a timer. Cap the tube and invert to disperse any bubbles formed.

07



Add the tube to the photometer and press **Measure**. The result is displayed as mg/L Mn.