

YSI 9300 / 9500 reagent instructions

Manganese (YAP173L)

On the 9300 and 9500 photometers, manganese test samples will be run on the **Phot 20** test program following the YAP173L instructions outlined below.

Note: Because manganese is absorbed onto surfaces of sample containers, test as soon as possible after collection. Make sure all glassware is clean. Acid rinsing is recommended.

Select manganese program:

1. Choose "Phot 20" from the main menu.

Prepare your blank

2. Add 10 mL of sample to photometer tube

Note: Sample temperature must be between 19 °C and 21 °C (66.2 °F and 69.8 °F)

3. Insert into the cell holder and "Blank"

Prepare your sample

4. Add 2 drops of Manganese LR liquid reagent
5. Add 1 Manganese No 1 tablet. Crush and stir
6. Add 1 Manganese No 2 tablet. Crush and stir
7. Place sample into the cell holder.
8. Set timer to 20 minutes, then Exit and Read. Timer will count down and read out a Mn mg/L value.