

# Palintest

Water Analysis Technologies

## Manganese LR - Liquid+Tablets

Photometric test for Manganese (low range) in natural water

**COLOUR CHANGE:**

Colourless to Turquoise

**RANGE:**

0 - 0.03 mg/L Mn

**TECHNICAL RESOURCE:**

[Manganese LR Test Method, Technical Information](#)

**NOTES:**

Because manganese is adsorbed on to surfaces of sample containers. Test as soon as possible after collection  
Ensure that all glassware is scrupulously clean. Acid rinsing is highly recommended

01



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

02



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

03



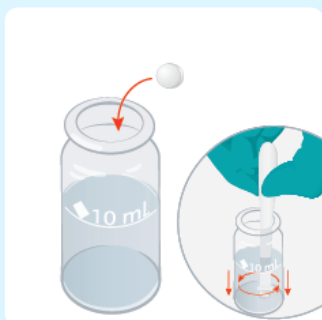
Add two drops of Manganese LR Liquid Reagent

04



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

05



Then, add a Manganese No2 tablet and crush and stir.

06



Allow to stand for 20:00. Press measure on 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.