

## Permanganate Value

561701220-1

### Material

Reagents	Packaging Unit	Part Number
Permanganate	Tablet / 100	515760BT
Permanganate	Tablet / 250	515761BT
Acidifying SE	Tablet / 100	515970BT

The following accessories are required.

Accessories	Packaging Unit	Part Number
Plastic shaker tube, graduated 100 ml, with lid	1 Pieces	385130A

### Application List

- Cooling Water

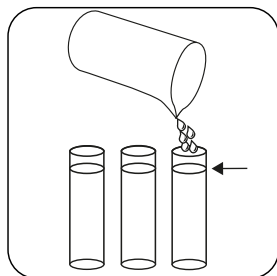
### Remarks

1. When testing crude sewage add 10 mL sample to each container and make up to 100 mL mark with deionized water. Proceed with the test as described above and multiply the Permanganate value by 10.
2. When testing settled sewage, add 20 mL sample to each container and make up to 100 mL with deionized water. Proceed with the test as described above and multiply the Permanganate value by 5.

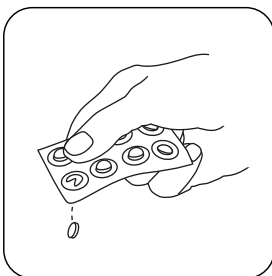
Containers Pink	Permanganate Value	Grading
All three	0-10	Excellent
Two	10-20	Satisfactory
One	20-30	Dubious
None	Over 30	Unsatisfactory



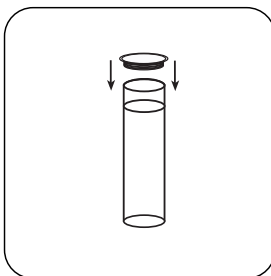
## Determination of Permanganate Value Test



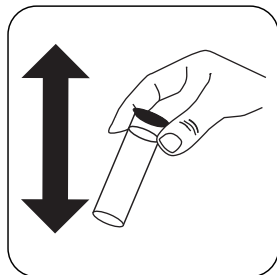
Fill up three test tubes with sample to the **100 mL** mark.



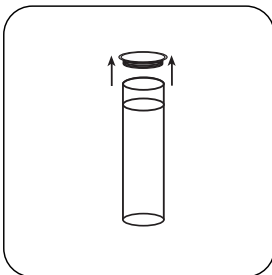
Add **2 Acidifying SE** tablet(s). (Into each test tube.)



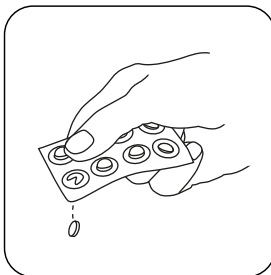
Close test tube(s).



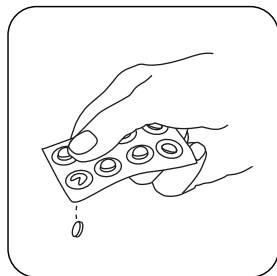
Mix the contents by shaking.



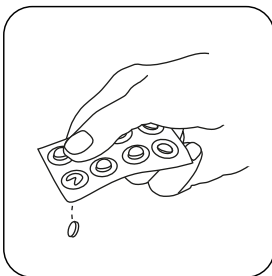
Open the test tube(s).



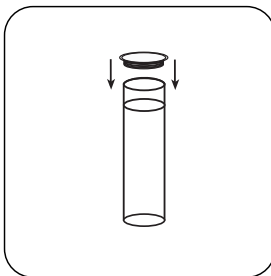
Add **1 Permanganate Value** tablet(s). (Into the first test tube.)



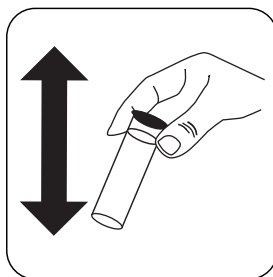
Add **2 Permanganate Value** tablet(s). (Into the second test tube.)



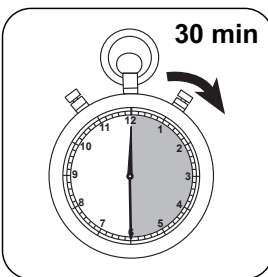
Add **3 Permanganate Value** tablet(s). (Into the third test tube.)



Close test tube(s).



Mix the contents by shaking.



Wait for **30 minute(s)** reaction time.

**Read the test result: Note the color of the sample (see Notes).**