



ENVIKIT FOR DO

ENVIKIT 06DO
0.5 - 12 mg/L



- Thank you for choosing products of Binh Lan ENVIBIOCHEM. Please read instruction carefully before proceeding to ensure accurate results.
- Reagents contain concentrated acid and base. Immediately flush skin with plenty of water in case of contact.



1. Rinse sample bottle with the water to be tested. Immerse the sample bottle below the surface of the water.



2. Tap the bottle gently, to dislodge any air bubbles. Repeat sampling if air bubble remained inside.



3. Immediately add 4 drops of Reagent 1 and 4 drops of Reagent 2. Stopper the bottle. The sample becomes orange-yellow with a flock.



4. Invert the bottle several times. Wait for flock to settle to approximately half the bottle volume. Repeat this step again.



5. Add 4 drops of Reagent 3. Stopper the bottle. Invert the bottle several times. Flock will dissolve and the sample will turn yellow-orange if oxygen is present.



6. Fill the titration bottle with one full measuring tube of sample.



7. Add Reagent 4 by drops. Swirl to mix after each drop. Count the drops until the color become light yellow. Be carefully to hold the dropper vertically.



8. Add 1 drops of Reagent 5. Water turns blue or violet. Drop Reagent 4 until colorless end point.

DO (mg/L) = Number of drops : 2

Note:

- Reagent 5 makes the end of titration more clear. Adding Reagent 5 can be bypassed if DO level above 4 mg/l. In this case, stop titration when water become colorless.
- Fill the titration bottle with 2 full measuring tube of sample if number of drops < 4. In this case **DO (mg/L) = Number of drops : 4.**
- Keep the droppers vertically while dropping. Release pressing after each 6 drops.
- Wash all items by clean water. Dry in the air, and store in the box for the next test.

BINH LAN ENVIBIOCHEM COMPANY Limited

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