



ENVIKIT FOR DO

ENVIKIT 11DO 0.1 mg/L increment



- 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. Attach the yellow tip to the syringe.



7. Fill the syringe with Reagent 4 to the highest mark (1 ml). Add Reagent 4 by drops until the color become light yellow. Swirl to mix after each drop.



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

$$\text{DO (mg/L)} = \text{volume of Reagent 4} \times 10$$

Note:

- Fill the titration bottle with 2 full measuring tube of sample if volume of Reagent 4 < 0.2 ml. $\text{DO (mg/L)} = \text{volume of Reagent 4} \times 5$
- 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

Web: <http://www.binhlan.com>

Email: binhlanbiochem.gmail.com

Bank account: ACB Bank, Binh Lan Company, Account number: 1246888.

Office 1: Science-Technology Business Incubator of HoChiMinh City

268 Ly Thuong Kiet Street, District 10, HoChiMinh City, Vietnam

Office 2: 595/208A Cach mang thang 8, Ward 15, District 10, HoChiMinh, Vietnam

Tel: 08-39700106, **Hotline:** 0985714580

For technical support, quotation and order

Email to binhlanbiochem.gmail.com