




ENVIKIT FOR SULFIDE

ENVIKIT 07S




0.1; 0.2; 0.3; 0.5; 0.75; 1; 2; 5; 10 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. Immediately flush skin with plenty of water in case of contact.




1. Blende well some amount of food in clean water. Filtrate. Add 5 ml of extract to the test tube.



2. Add 7 drops of Reagent 1 and 7 drops of Reagent 2. Cap, then invert the tubes several times. Water turns light pink or light yellow, then light green or blue if sulfide is present.



3. Wait 3 minutes. Add 7 drops of Reagent 3. White precipitate forms. Shake well until the precipitate completely dissolves.



4. Place the tube into the comparator. Remove the cap. Hold the comparator with tube top pointing light source and tube bottom reflected in the mirror on the color chart.



4. Find the best matched color. Record total sulfide level.

$$\text{Concentration of Hydrogen Sulfide in food} \left(\frac{\text{mg}}{\text{kg}} \right) = \text{Concentration in the extract} \times \frac{\text{Extraction Volume (ml)}}{\text{Mass of food (g)}}$$

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