



ENVIKIT FOR AMMONIUM

ENVIKIT 04Am
0.1 - 10 mg/L



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



1. Blend well some amount of food in clean water. Filtrate. The extract will be used for determination of Ammonia.



2. Fill the tube half with the extract. Add 5 drops of Reagent 1, 5 drops of Reagent 2. Cap the tube and shake well. Water turns yellow. Wait 3 min.



3. Add 1 spoon of Reagent 3. Cap the tube and shake vigorously until complete dissolution. Water turns to green. Wait 10 minutes for complete color development.



4. Find best matched color in color chart. Record level of ammonium.

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

- Exposure test tube to sunlight helps faster color development.
- Keep color chart in box, avoid direct sunlight.

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