



# ENVIKIT BORAX

## ENVIKIT 21Bor



- Thank you for choosing products of Binh Lan ENVIBIOCHEM. Please read carefully before proceeding to ensure accurate results.
- Reagents contain acid. In case of contact, immediately flush skin with plenty of water.






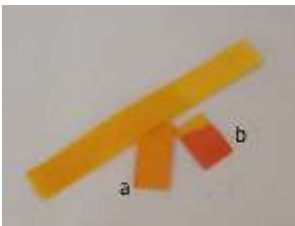
**Contain:** 20 ml of Reagent 1, 50 turmeric strips, a plastic cup, a plastic spoon, a paper-clip and instruction manual.

**Application:** detection of borax in food such as meat and meat products (minced meat, minced fish, fish cake, meatball, pork, beef, sausage, etc.), cakes, preserved fruits, pickled vegetable, etc.

**Sensitivity of Test Kit:** Detection limit: 80 mg/L (80 ppm)

**Number of Test / Kit:** 50 Tests

### Instruction manual

		
<p>1. Chop sample to small pieces.</p>	<p>2. Put one spoon of sample into the plastic cup.</p>	<p>3. Drop few drops of Reagent 1 to wet the sample.</p>
		
<p>4. To mix well by using the spoon.</p>	<p>5. Wet 1/3 - 1/2 of a turmeric strip with the sample.</p>	<p>6. Leave the turmeric strip on the glass under sunlight for 15 minutes. If the strip turns orange or red (a, b), such sample contains borax.</p>

Detection of borax on raw unsliced unminced fish and meat: Drop few drops of Reagent on the sample. Press a turmeric strip on the treated place to wet 1/3 - 1/2 of a turmeric strip. Place the turmeric strip on the glass and leave in sunlight for 15 minutes. If the strip turns orange or red (a, b), such sample contains borax.

# Impact of Borax on Human Health

Consumption of borax-contaminated food is health hazard.

The acute effects are nausea, vomiting and diarrhea, with delayed effects of skin redness and peeling. 15 grams of borax for adults and 5 grams for children can cause hematemesis (blood vomiting) and death.

Accumulation of borax is suspected of damaging fertility or the unborn child. Birth defects include brain and skeletal abnormalities and infertility of male offspring. Animal ingestion studies in several species, at high doses, indicate that borax causes reproductive and developmental effects. According to the U.S. Environmental Protection Agency, animal studies have shown that boric acid has an affinity for male testicles. Poisoning produces inflammation and atrophy of tubules and lowers sperm count. Repeated low dose exposure borax used as a food preservative in noodles, steamed rice, caviar and meatballs, has been implicated in cases of liver cancer over five to ten years.

**Borax has been banned as a preservative for food in the United States and many other countries, but they are still used illegally.**

Borax Envikit of Binh Lan Envibiochem is applied for detection of Borax in food. The test kit can be easily used outside the laboratory with fast and reliable result.

## SAFE YOUR SALVES

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