

# Lead Field Test Kit

Read instructions before use



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## Testing Procedure

### Step 1

Use cotton bud to swab on the surface of sample.

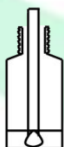
### Step 2

Add 1.5 ml of reagent Pb1 into the reaction bottle using the pipette.



### Step 3

Dip the cotton bud (from step 1) into the reaction bottle and then rapidly swirl in order to dissolve the lead for 1 minute and take the cotton bud out.



### Step 4

Add two drops of reagent Pb2 into the reaction bottle, swirl gently and wait the reaction for 30 sec.



### Step 5

Observe the brown color of the solution. In case of solution shows another color, wait for 5 min and then observe the brown color.

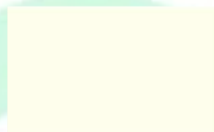
### Step 6

Compare the color of the solution with Standard Color Scale

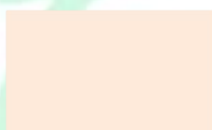




### Standard color scale



None  
(0 mg)



Very Low  
(0.01 mg)



Medium  
(0.1 mg)



High  
(0.5 mg)



Very High  
(2.0 mg)



### Package contents

- 1) Reaction bottle
- 2) Cotton bud
- 3) Reagent Pb1
- 4) Reagent Pb2
- 5) Pasture pipette (for reagent Pb1)
- 6) Plastic bag (for used cotton bud)



### Cautions

- 1) Immediately close all reagent containers after use.
- 2) Avoid contact of liquid reagents with skin and eyes.
- 3) Always wash your hands after using the kit.
- 4) Keep the kit out of direct sunlight and away from heat, food, pets, and the reach of children.



### Information on chemicals

1. **Reagent Pb1** contains corrosive acid that can cause severe burns to skin, eyes, and respiratory tract
2. **Reagent Pb2** :Flammable liquid, may cause sensitization by skin contact.  
In case of skin contact, immediately wipe the area with paper towel, flush skin with plenty of water for at least 15 minutes. If irritation persists, see a doctor. In case of eye contact, immediately flush eyes gently with large amount of water for at least 15 minutes to reduce irritation and see a doctor.