

Arsenic Field Test kit (ATK)

Arsenic Field Test Kit (ATK) , manufactured by Eco Concern Pvt. Ltd. can be used to detect concentration of Arsenic in untreated water samples by colorimetric comparison with provided color chart.

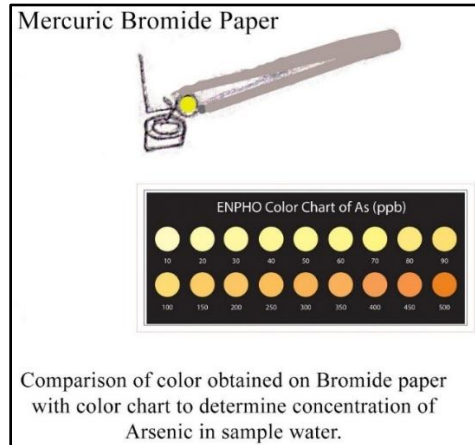


Specification

- Number of tests per kit :50
- Detection limit: **10 ppb-500 ppb**
- Testing time: **within 15 minutes**
- Test type: **Colorimetric detection**
- Interference limit: **up to 1 ppm Sulphide**
- Weight of kit: **3 kg**
- Price: **NPR 13,000 (excl. VAT)**
- Cost per test: **NPR 260**

Working Principle

The principle behind Arsenic test kit is conversion of Arsenic present in water sample to arsine gas by reaction with zinc dust in acidic medium. Arsine gas reacts with mercuric bromide paper to produce yellow to brown stain on the paper. Concentration of Arsenic is determined by color comparison with color chart.



Design

- Elegant and light weight reaction bottle.
- Provision of spoons for easy transfer of reagents.

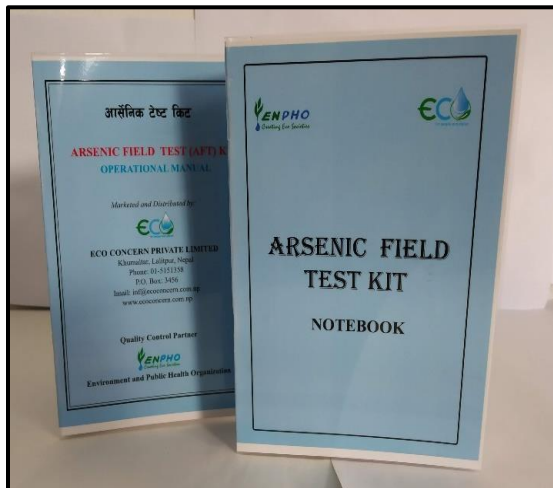
Protective gears

- Gloves
- Mask
- Safety glass

Accessories

- Notebook
- Detailed manual (English & Nepali)
- Timer
- Wash bottle.
- Beaker

Arsenic Field Test Kit Accessories



Arsenic Test kit manual and Notebook



Centrifuge tubes to hold reagent spoons



Bromide Paper Holder

Kit component

Reaction bottle