

Jal-TARA Arsenic Kit

For Arsenic Detection



Why Arsenic Monitoring?

Arsenic contamination is a major problem in 20 countries, most affected being Bangladesh followed by India (West Bengal, Bihar and Jharkhand). Even in low concentrations, it is known to pose significant health problems.

Long term exposure to Arsenic through drinking water causes cancer of skin, lungs, urinary bladder, kidneys as well as other skin damage such as pigment change and hyperkeratosis. Hence, early detection of Arsenic in water is quite imperative.

Jal-TARA Arsenic Testing Kit (Dry)

Jal-TARA Arsenic Testing Kit is cost effective, portable, compact and easy to operate, can be used for field testing as well.

Features

- Broad testing range: 0, 5, 10, 25, 50, 100, 250, 500 ppb or $\mu\text{g/l}$
- Good reproducibility in results at lower concentration of Arsenic
- 100 water samples can be tested with one set of reagents of kit
- Low/No false negative results
- Light weight, portable, easy to carry, attractive sturdy box
- Kit dimension: 280x230x80 mm, Weight around 1.8kg
- Very easy to perform tests in field. Reagents are dry & safe
- Semi-quantitative test results based on visual colorimetric test strip method
- Simultaneously two tests can be done within 20 minutes
- Costs INR 50 per test-affordable compared to other kits @INR 201 per test
- One year shelf life for reagents
- Reagents can be replenished and extra equipment can be ordered separately



Application

Kit includes a comprehensive instruction manual. Any common person, even without having scientific background, can use it easily. TARAevviro has the provision to supply refill facility for the reagents used in the tests of Jal-TARArsenic Kit.

Application of this kit is safe and simple to use. A pictorial user manual with field operational hand book is included along with the kit. Training video is also available based on special request.

Our Clients

Our test kits are being used by wide range of organisations, NGOs, educational institutions, hospitals, public authorities and individuals for their water monitoring projects. Some of our regular clients:

- Central Water Commission
- Water and power consultants
- Ministry of Water Resource
- UNICEF
- WHO
- U.P. Jal Nigam
- The SWAJAL Project, U.P. Rural Water Supply and SANITATION Project
- ITC India Limited
- CLEAN-India NGO Partners
- Scientific Institute (IISWBM)
- Industry (Adani Power India)



Availability and Replacement

Jal-TARA Arsenic Testing Kit (Dry) is supplied by Technology Action for Rural Advancement (TARA) on order basis. It is easy to use in rural, urban, semi-urban and remote areas. TARA provides user manual that details operation procedure and best practices. This product is fully tested; with proper use, this instrument will provide years of reliable service.

TARA Products Range



Jal-TARA Filter
Award winning slow sand filter



Aqua+
Purity water in just 2 drops



Jal-TARA
Arsenic Filter