

WATER TEST – INSTRUCTION CARD

Product: Water Test

Please refer to the Safety Data Sheet and Operating Manual for further detail around Sampling and Testing Guidance and Safety and Handling prior to conducting a test.

HOW TO USE



- 1 Wear appropriate PPE, as required by your organization.



- 2 Collect a sample from a water source using a beaker or syringe. If a large amount of sediment is present, let the water rest in the beaker until the debris has settled to the bottom. If using a filter, place the filter on the syringe to draw a filtered sample.



- 3 If you have a used filter, please remove. Add 10 ml of water from the syringe to the mixing tube. Add all of the Codeac Solution in the 2ml dropper bottle to the mixing tube.



- 4 Mix a solution together and wait up to 60 seconds for results. Use the Color Standard to identify any colorimetric change or transition. Confirm or report the results as required by your organization / relevant authority.

Additional information to consider:

- Record results on the label provided;
- Ensure you have reviewed and complied with your organization's disposal policies and procedures; and
- Ensure you have reviewed and complied with your organization's PPE requirements.

Scan for Safety Data Sheet and Operating Manual



This document is the Instruction and Color Standard Card to use when conducting our Codeac Solutions Colorimetric Test for Nuclear Materials.

This product detects: Uranium, Plutonium, Americium and Cobalt or Primary Transition Metals.

This is a Presumptive Test (Go/No-Go) that provides the end user with a visual color change when our Codeac Liquid Solution is in contact with Uranium, Plutonium, Americium and Cobalt or Primary Transition Metals. This test is not intended for people who have any type of color vision deficiency as this may limit or preclude an accurate interpretation of the result.

PRECAUTIONS

- Highly flammable liquid and vapor. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - no smoking.
- Wear protective gloves/protective clothing/eye protection/ face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- Do not ingest or inhale Codeac Liquid Solution.
- Follow all relevant safety guidelines, the Operating Manual and Safety Data Sheet when handling.
- It is imperative that radiological and nuclear contamination safety precautions, procedures and processes of the respective organization or the relevant authorities' guidelines and requirements are utilized during the collection and testing of all samples. Users must also consult with the relevant government agencies and authorities prior to disposal of any radiological and nuclear waste materials.
- All positive screening test results should immediately be confirmed using a confirmatory testing process / radiologic or nuclear detection instrument and/or experts in the field.