

Intended Use

A rapid test for the qualitative screening for toxic mercury in cosmetics like whitening creams. It is designed for consumers and health officers to identify illegal contaminants on-site, ensuring product safety through a simple, reliable colorimetric reaction.

Kit Contents



Dropper bottle



Small spoon



Manual

Important Pre-Test Information

STORAGE



2 – 8 °C

SAFETY



Testing Procedure

1



Sample Prep

Pea-size scoop of cream into a test spoon

2



Add Reagent

Add 1 drop of the test solution

3



Mix (10-20 sec)

Gently mix for 10-20 seconds.

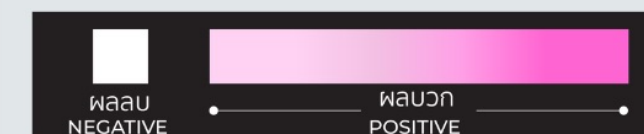
4



Incubate

Wait 1- 2 minutes

5



Read

Read the results and compare with the standard color chart

Result Interpretation



ລາວ
NEGATIVE



ລາວ
POSITIVE



POSITIVE

Pink
from colorless solution



NEGATIVE

NO Significant
Color Change

Limitations and Legal Disclaimer

Presumptive Screen Only: This kit is a qualitative screening tool designed for preliminary detection. It is NOT a confirmatory device, a quantitative analytical tool, or admissible legal proof of contamination. **pH Sensitivity & Interference:** This test is optimized for the standard cosmetic acidity range of pH 3.5 to 7.5. **Acidity Interference:** Samples with a very low pH (highly acidic) may trigger a false-positive reaction regardless of mercury content. **Matrix Effects:** While highly selective, certain dense metal oxides such as zinc or titanium oxides, in the cosmetic matrix may interfere with the visual readout.

Required Action: Do not initiate legal action, destroy commercial inventory, or publicly accuse suppliers based solely on the results of this test. A "Positive" result indicates the likely presence of mercury or a pH imbalance and must be confirmed by a certified analytical laboratory using gold-standard methods such as atomic absorption spectroscopy or ICP-MS. **Liability:** Sure Scientific's liability is strictly limited to the replacement of a defective test kit or a refund of its purchase price. The manufacturer assumes no responsibility for health outcomes, business losses, or legal consequences arising from the use or interpretation of this screening tool.