

Aliphatic Explosive DetectionTraining

AN37 Wipes (TWO-PART POUCH)



AN37 // OVERVIEW



WHAT CAN AN37 WIPES DETECT

- C4
- PETN (Pentaerythritol Tetranitrate)
- ANFO (Ammonium Nitrate/Fuel Oil)
- RDX (Cyclonite)

WHAT FORMS CAN AN37 WIPES TEST

• powders, pills, liquids, residues, trace, and bulk

COLOR-CHANGING TECHNOLOGY

 When AN37 comes in contact with C4, PETN, ANFO, and RDX it turns magenta



Note: The Trace-Eye-D kit is intended to be used for *presumptive identification purposes only*, and all substances tested should be subjected to more definitive examination by scientists in a properly equipped crime laboratory.

AN37 // HOW TO USE



Open. Wipe. Look.

Reduce cross-contamination and exposure to AN37, test surfaces and samples by wearing industry-standard personal protective equipment (PPE) such as nitrile gloves, eye protection, and N95 mask equivalent.

- 1
- **ACTIVATE + OPEN** the pouch and remove the wipe.
 - 1. Fold bottom portion of pouch in half.
- 2. Squeeze folded portion until frangible seal breaks. User should hear a "pop" sound when internal seal breaks.
- 3. Thoroughly work the liquid from the upper small chamber down into the bottom chamber containing the towelette. <u>Do not unfold towelette before or after use.</u> Doing so will result in difficulty observing the results.
- WIPE it across the surface to be tested. For best results, sample very small amounts of the substance on the margin of the wipe.
- LOOK to see if the formula on the wipe changes color.

 Allow up to 30 seconds to allow a color reaction to develop
 - negative result // no color change
 - positive result // test turns magenta

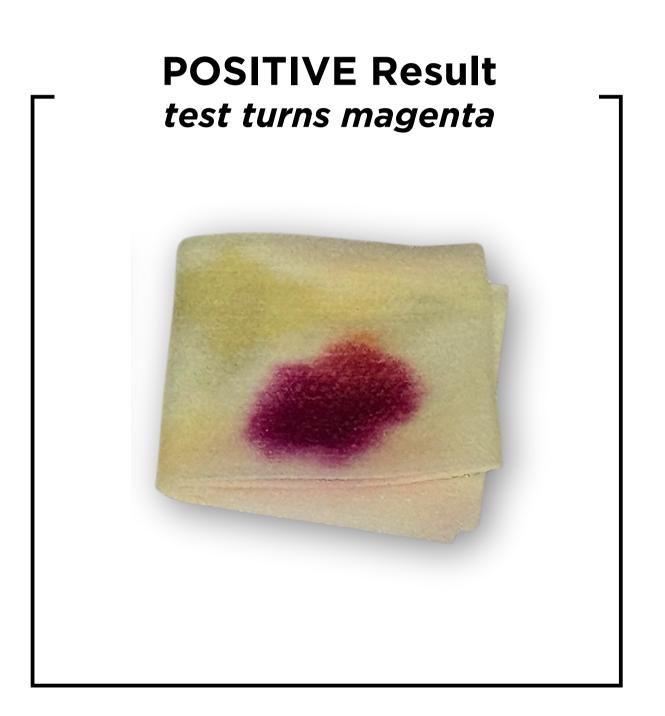
^{*}If testing a suspected substance that is suspended in an oily base (e.g. RDX in petroleum jelly), a delay in the results may be experienced. The medium in which the explosive/oxidizer is suspended will delay results.

AN37 // RESULTS



Open. Wipe. Look.





AN37 // POST TEST



Open. Wipe. Look.

All TRACE EYE-D products are safe for disposal in the common waste stream without neutralization or other special treatment, provided the wipe is not contaminated with explosive residue

- PHOTOGRAPH + STORE the wipe with a date/time stamp, if required for evidence retention, as the color of the wipe may change over time.
- **DISPOSE** of wipe in accordance with federal state and local environmental laws. No neutralization is required. Can be disposed of in the common waste stream.
- WASH HANDS + CHANGE your gloves before conducting additional tests after a positive result is found.

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