

ChemSee: Inorganic Poison Detection

Heavy Metal Detection Kit HM-34K



The HM-34 Heavy Metal Detection Kit is an easy to use, rapid detection kit for the heavy metals Cadmium, Thallium, Mercury and Lead in food and drink.

Each Kit includes the HM-34 Detection Card for Heavy Metals (Lead, Mercury, Cadmium & Thallium) and all the supplies necessary to conduct one complete test for Heavy Metals (except clean water).

The presence of Heavy Metals at levels immediately dangerous to life and health is indicated with a distinct color change on the detection card.

FEATURES

- Detects heavy metals of: Cadmium, Thallium, Mercury and Lead
- Detects poisons selectively, preventing false negatives and false positives.
- Designed for simple use, even by unskilled personnel in the field.
- Provided with instructional material and all supplies for sample preparation and testing (clean water required).
- Costs significantly less than similar results obtained through laboratory analysis.
- Validated independently by the U.S. Department of Defense (TSWG).

CONTENTS

- HM-34 Heavy Metal Detection Card
- Cutting Board, Cutlery, Paper Towels, Pair of Latex Gloves, Trash Bag
- Mixing Bowl, Two Eye Droppers
- Full Color Instructions, Reference Sheet, Results Card

COMMON USES

- VIP / Traveling Dignitary Food Testing
- Food Testing during Field Operations
- Personal Security / Domestic Use

RELATED PRODUCTS

- HM-34: Heavy Metals Detection Card
- KT-06: API Food Poison Detection Kit (includes Training DVD)
- CA-61: Cyanide, Azide, Sulfide and Chromate Detection Card
- AJ-05: Arsenic Detection Pouch
- JDK-61: Cyanide, Azide & Heavy Metals Detection Card
- STPD-06: Short Term Poison Detection Kit (No QA, 6 Month Shelf Life)

SPECIFICATIONS

- Dimensions: 12x12x5 in (30.5x30.5x12.7 cm)
- Weight: 6.0 oz (170 g)
- Analysis Method: Colorimetric
- Shelf Life: 12 Months
- Testing Time: 2 - 8 Minutes
- Detection Sensitivity: Concentrations less than 1/2 D₅₀ for Lead, Mercury, Cadmium and Thallium.
- Storage Temperature: 32 to 75 F (0 to 24 C)



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