

**TECHNICAL REPORT**

16900

Global Instruments  
819 Industrial Drive  
Trenton, MO 64683

**Pest Repellent****November 1, 1999**

The sample was submitted and identified by the client as:

**Riddex: Electronic Pest Repellent** (Mfg. USA)

**Summary of Results:****Aversion Effects:**

When tested as specified, the submitted sample appear to elicit an aversion response in mice.  
See page 2 for detailed data.

**Reviewed by:**

Handwritten signature of Albert J. Rapella in black ink.

Albert J. Rapella  
Supervisor, Technical Services

Handwritten signature of Jeffrey D. Lipko in black ink.

Jeffrey D. Lipko  
Technical Director, Hardlines

mf

**Intertek Testing Services NA Inc.**  
40 Commerce Way, Unit B, Totowa, New Jersey 07512, U.S.A.  
Telephone 973-785-3220 Fax 973-785-8995

**Intertek Testing Services**  
**Labtest**  
 Global Instruments

November 3, 1999  
 Report #16742

**Aversion Effects: Mouse Research Project**

**Sample Identification:** Riddex Electronic Pest Repeller

**Procedure:**

Ten Swiss-Webster mice (mixed sex), each weighting approximately 20 grams, were selected for the research project. The animals were housed in two plastic boxes containing pine shaving for bedding. The boxes were closed with wire mesh tops. The boxes were connected by approximately 20 feet of plastic tubing. The tubing enabled the animals to freely move from one box to the other. Four sided, plywood boxes, lined with copper sheathing, were placed over each of the two animal boxes. The Pest Repeller (test article) was plugged into a power supply wire was also placed within the copper lined shielding box. The animals were maintained on a weighed amount of commercial rodent food diet. Water was available *ad libitum*. Each day the feed remaining in each box was weighted and the amount of feed consumed in each box was determined. On Day 7, the Electronic Devices was moved to Box B. Feed consumption was monitored through Day 14.

**Results:**

The daily feed consumption in each box is tabulated below in grams of feed consumed per box. The Electronic Device was moved from Box A to Box B after the Day 7 feed consumption reading was recorded.

| Day   | 1    | 2*   | 3    | 4    | 5    | 6    | 7    |
|-------|------|------|------|------|------|------|------|
| Box A | 12.6 | 8.4  | 2.9  | 6.5  | 14.5 | 9.1  | 13.9 |
| Box B | 37.3 | 34.2 | 38.0 | 45.9 | 44.1 | 23.4 | 32.1 |

| Day   | 8    | 9    | 10   | 11   | 12   | 13   | 14   |
|-------|------|------|------|------|------|------|------|
| Box A | 13.3 | 26.2 | 29.2 | 21.8 | 21.6 | 18.7 | 36.3 |
| Box B | 28.2 | 17.6 | 15.7 | 27.6 | 36.4 | 12.4 | 17.7 |

**Conclusion:**

When tested as specified, the submitted sample appear to elicit an aversion response in mice.

\* A cardboard box was placed over Box A so that the interior would be dark as Box B (covered with the copper lined box). The cardboard box was moved to Box B when the test articles were moved on Day 7.