



# AFSL LABORATORY TEST REPORT

## 14011472 AFSL 46

NC AB CA NF

### HAND HELD SPARKLING DEVICES

LOT ID # 14011472

SHIPPER INTER-ORIENTAL  
 DATE OF TESTING NOV. 5, 2014  
 MODEL/ITEM # A1-059(LW)  
 PRODUCT NAME SPARKLERS  
 DATE OF MANUFACTURING NOV. 1, 2014  
 MANUFACTURER ADDRESS TAIPING QIAO HUYANG WU

QUANTITY 350 cases  
 PACKING 24/12/16  
 LOT SIZE 604800  
 SAMPLE SIZE 50+5  
 FACTORY ID # 43F 246  
 EX # ON CTN NO 7 FOUND  
 LABEL #'s 143811056 to 143811405

### TEST DETAILS

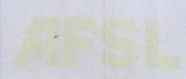
- A. PYROTECHNIC LEAKAGE:**  
Amount 0 mg. 0 of 5 failed. (P) F
- B. HANDLE**
  - 1. Handle ≥ 7.5 cm for devices ≤ 25 cm. (P) F
  - 2. Handle ≥ 10 cm for devices > 25 to < 50 cm. P F
  - 3. Handle ≥ 15 cm for devices ≥ 50 cm. P F <sup>NA</sup>
  - 4. Handle of the spent sparkler must not droop more than 50% of the length of the pyrotechnic coating: 0 of 5 failed. (P) F
  - 5. 90 degrees wave test: 0 of 5 failed. (P) F
- C. WIRE HANDLE:**
  - 1. Wire ends must be formed, fused, or treated to eliminate sharp wire edges or burrs. (P) F
  - 2. End must be greater than 0.063 mm in diameter. (P) F
- D. WOOD OR BAMBOO HANDLE:**
  - 1. Sticks must not continue to burn >2 sec:     of     failed. P <sup>EAA</sup>
- E. SPARKLERS NOT REGULATED AS EXPLOSIVES.**  
Must not contain > 8 devices per inner Pack. (P) F
- F. PERFORMANCE/FUNCTIONING REQUIREMENT:**
  - 1. Must perform visual or crackle effect only. (P) F
  - 2. Must produce a uniform display with no slag or Molten particles: 0 of 50 failed. (P) F
- G. CHLORATE CONTENTS REQUIREMENT (15% W/W):**  
Chlorate Test Result: Positive / Negative.  
Chlorate Content:    %. P <sup>FNA</sup>  
**Note:** Chlorate result must be filled before issuing report.
- H. PYROTECHNIC COMPOSITION OF EACH DEVICE**
  - 1. Chlorate, if present, must not exceed 4gm. P / F <sup>NA</sup>
  - 2. Perchlorate, if present, must not exceed 5gm. P / F
  - 3. If chlorate and perchlorate are not present, the composition must not exceed 100gm. (P) F
- I. CAUTIONARY LABELING:**
  - 1. Wording. (P) F
  - 2. Type Size. (P) F
  - 3. Placement. (P) F
- J. PRODUCT IDENTIFICATION**  
Common or usual name. (P) F
- K. SHIPPING CARTON LABELING:**
  - 1. "NOVELTIES NOT REGULATED, EXCEPT WHEN TRANSPORTED BY AIR..." (P) F
  - 2. "UN" Box Certification Mark. P / F <sup>NA</sup>
  - 3. Orange 1.4, G Label. P / F
  - 4. Fireworks "UN0336" Label. (P) F

**REMARKS :**

Vincent Jang NOV. 25, 14  
 TECHNICIAN DATE

Alben NOV. 5, 2014  
 CERTIFIED TECHNICIAN DATE

Z = J NOV. 6, 14  
 REVIEWED BY DATE



**USA**<sup>TM</sup>

**Sparklers**

**RED**

**CAUTION - FLAMMABLE**  
USE ONLY UNDER CLOSE ADULT SUPERVISION. FOR OUTDOOR USE ONLY. DO NOT TOUCH GLOWING WIRE. HOLD IN HAND WITH ARM EXTENDED AWAY FROM BODY. KEEP BURNING END OR SPARKS AWAY FROM WEARING APPAREL OR OTHER FLAMMABLE MATERIAL. HOLD AND LIGHT ONLY ONE SPARKLER AT A TIME. AFTER USE PLACE WIRE IN WATER.

MADE IN CHINA

AI-059(W)



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