

## The Hong Kong Standards and Testing Centre Ltd. TEST REPORT

No. : ZP150059

Applicant (SOM003) : XXXXXXXXX



**Description of Samples** : Four styles of submitted sample each in two sets said to be:  
FUNNY HEAD TUMBLER (see attached photo)

PRODUCT CODE: 22199416

STYLE/ITEM NO.: HP000374

COUNTRY OF ORIGIN: CHINA

COUNTRY OF DESTINATION: UK

SUPPLIER: XXXXXXXXX

**Date Tested** : 2006-02-08 to 2006-02-13

**Investigation Requested** : European Standard for Safety of Toys

- EN71-1:1998 + A1:2001 + A2:2002 + A4:2004 + A5:2000 + A6:2002 + A7:2002 +

A8:2003 + A9:2004 + A10:2004 + A11:2004

- EN71-2:2003

- EN71-3:1994, amendment A1:2000

**Conclusions** : EN71-1:1998 + A1:2001 + A2:2002 + A4:2004 + A5:2000 + A6:2002 + A7:2002 +  
A8:2003 + A9:2004 + A10:2004 + A11:2004

The submitted sample complied with the test requirement.

EN71-2:2003

The submitted sample complied with the test requirement.

EN71-3:1994, amendment A1:2000

The submitted sample complied with the test requirement.

WONG Yau-wai, Johnny, TCD

For and on behalf of

The Hong Kong Standards and Testing Centre Ltd

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**AGE GRADING:**

The sample was appropriately age graded with the marking of "For 3+ yrs".

**AGE GRADING FOR TESTING:**

36 months and up.

**Test Results :**

(1) EN71-1:1998 + A1:2001 + A2:2002 + A4:2004 + A5:2000 + A6:2002 + A7:2002 + A8:2003 + A9:2004 + A10:2004 + A11:2004 - Part 1: Mechanical and physical properties

Applicable

Clause

Description Result

4 General requirements

4.1 Materials Pass

4.7 Edges Pass

4.8 Points and wires Pass

7 Warning and instructions for use

7.1 General Pass

(2) EN71-2:2003 - Part 2: Flammability

Applicable

Clause

Description Result

4.1 General Pass

(3) EN71-3:1994, amendment A1:2000 - Part 3: Migration of certain elements

Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Polymeric material

(a) Straw (#elephant/#dolphin/#frog/#lion): white

(b) Cup: transparent

(c) Cover (#elephant/#frog/#lion): deep green

(d) Cover (#dolphin): blue

(e) Cover (#dolphin): gray

(f) Straw cup (#dolphin): light blue

(g) Cover (#elephant): deep gray

(h) Straw cup (#elephant): gray

(i) Cover (#lion): yellow

(j) Straw cup (#lion): yellow

(k) Cover (#frog): light green

(l) Straw cap (#frog): light green

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Coating material

(m) Cover (#elephant/#frog/#lion): green

(n) Cover (#lion): brown/blue multicolor (see Note)

(o) Cover (#frog): deep green/red multicolor (see Note)

(p) Cover (#dolphin): blue/white multicolor (see Note)

Note: There were insufficient uniform coatings to produce the test portion of 100 mg. According to the Standard, the quantities of the elements were calculated as if 100 mg of test portion had been used. The actual weights of the specified coatings used for analysis are shown below:

(n) Brown/blue multicolor..... 28mg

(o) Deep green/red multicolor..... 24mg

(p) Blue/white multicolor..... 41mg

a b c Limit

Soluble lead..... <2mg/kg <2mg/kg <2mg/kg 90mg/kg

Soluble cadmium..... <2mg/kg <2mg/kg <2mg/kg 75mg/kg

Soluble chromium..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble barium..... <2mg/kg <2mg/kg <2mg/kg 1000mg/kg

Soluble antimony..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble arsenic..... <2mg/kg <2mg/kg <2mg/kg 25mg/kg

Soluble mercury..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble selenium..... <2mg/kg <2mg/kg <2mg/kg 500mg/kg

d e f Limit

Soluble lead..... <2mg/kg 3mg/kg <2mg/kg 90mg/kg

Soluble cadmium..... <2mg/kg <2mg/kg <2mg/kg 75mg/kg

Soluble chromium..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble barium..... <2mg/kg <2mg/kg <2mg/kg 1000mg/kg

Soluble antimony..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble arsenic..... <2mg/kg <2mg/kg <2mg/kg 25mg/kg

Soluble mercury..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble selenium..... <2mg/kg <2mg/kg <2mg/kg 500mg/kg

g h i Limit

Soluble lead..... <2mg/kg <2mg/kg 8mg/kg 90mg/kg

Soluble cadmium..... <2mg/kg <2mg/kg <2mg/kg 75mg/kg

Soluble chromium..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble barium..... <2mg/kg <2mg/kg 7mg/kg 1000mg/kg

Soluble antimony..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble arsenic..... <2mg/kg <2mg/kg <2mg/kg 25mg/kg

Soluble mercury..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg

Soluble selenium..... <2mg/kg <2mg/kg <2mg/kg 500mg/kg

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j k l Limit

Soluble lead..... <2mg/kg <2mg/kg <2mg/kg 90mg/kg  
Soluble cadmium..... <2mg/kg <2mg/kg <2mg/kg 75mg/kg  
Soluble chromium..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble barium..... <2mg/kg <2mg/kg <2mg/kg 1000mg/kg  
Soluble antimony..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble arsenic..... <2mg/kg <2mg/kg <2mg/kg 25mg/kg  
Soluble mercury..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble selenium..... <2mg/kg <2mg/kg <2mg/kg 500mg/kg

m n o Limit

Soluble lead..... 2mg/kg 9mg/kg <2mg/kg 90mg/kg  
Soluble cadmium..... <2mg/kg <2mg/kg <2mg/kg 75mg/kg  
Soluble chromium..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble barium..... 11 mg/kg 10mg/kg 5mg/kg 1000mg/kg  
Soluble antimony..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble arsenic..... <2mg/kg <2mg/kg <2mg/kg 25mg/kg  
Soluble mercury..... <2mg/kg <2mg/kg <2mg/kg 60mg/kg  
Soluble selenium..... <2mg/kg <2mg/kg <2mg/kg 500mg/kg

p Limit

Soluble lead..... <2mg/kg 90mg/kg  
Soluble cadmium..... <2mg/kg 75mg/kg  
Soluble chromium..... 3mg/kg 60mg/kg  
Soluble barium..... <2mg/kg 1000mg/kg  
Soluble antimony..... <2mg/kg 60mg/kg  
Soluble arsenic..... <2mg/kg 25mg/kg  
Soluble mercury..... <2mg/kg 60mg/kg  
Soluble selenium..... <2mg/kg 500mg/kg

\*\*\*\*\* End of Test Report \*\*\*\*\*