



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Test Report Number : CGZ2140630-0025-C

CTS (Ningbo) Testing Service Technology Co., Ltd.

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**TEST REPORT**

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1 General Information**1.1 Application Details**

Name : MICHITOIY INTERNATIONAL CO.,LTD
Address : 11F, NO.159, SEC.2, HSIN-HAI ROAD, TAIPEI, TAIWAN
Contact : /
Telephone : +886-2-27332488
Fax : /
Mobile telephone : /
Email : /

1.2 Manufacturer & Buyer

Manufacturer name : /
Address : /
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /
Buyer name : /

1.3 Description of the Test Item

Sample name : LOOM BANDS SET
Model No. : SV11617(210299) SV11786(407116)
Brand name : /
Condition of sample(s) : EFFECTIVE

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2 Test Results

2.1 General Information

2.1.1 Sample Receiving Date

Jun. 30, 2014

2.1.2 Testing Period

Jun. 30, 2014 to Jul. 03, 2014

2.1.3 Test Requested

Please refer to the following page(s)

2.1.4 Test Method

Please refer to the following page(s)

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2.2 Results

2.2.1 Migration of certain elements

With reference to EN 71-3:2013.

a) Extractable Chromium (VI) – Analysis was performed by IC-UV/VIS.

b) Extractable Organic Tin – Analysis was performed by GC/MS.

c) All other elements – Analysis was performed by Inductively Coupled Argon Plasma –Atomic Emission Spectrometry.

Category III

Sample Description	No.1 [△]	Milk white plastic / Transparent plastic board / Transparent plastic hook(mixed)			
	No.2 [△]	Purple plastic / Rosy plastic / Semi- transparent Green plastic (mixed)			
	No.3 [△]	Blue plastic / Green plastic / Pink plastic (mixed)			
Element	Unit	Limit	Result		
			No.1 [△]	No.2 [△]	No.3 [△]
Extractable Aluminium (Al)	mg/kg	70,000	<50	<50	<50
Extractable Antimony (Sb)	mg/kg	560	<5	<5	<5
Extractable Arsenic (As)	mg/kg	47	<5	<5	<5
Extractable Barium (Ba)	mg/kg	18,750	<50	<50	<50
Extractable Boron (B)	mg/kg	15,000	<50	<50	<50
Extractable Cadmium (Cd)	mg/kg	17	<3	<3	<3
Extractable Chromium (III) (Cr (III)) [#]	mg/kg	460	<5	<5	<5
Extractable Chromium (VI) (Cr (VI)) [#]	mg/kg	0.2	<0.2	<0.2	<0.2
Extractable Cobalt (Co)	mg/kg	130	<5	<5	<5
Extractable Copper (Cu)	mg/kg	7,700	<50	<50	<50
Extractable Lead (Pb)	mg/kg	160	<5	<5	<5
Extractable Manganese (Mn)	mg/kg	15,000	<50	<50	<50
Extractable Mercury (Hg)	mg/kg	94	<5	<5	<5
Extractable Nickel (Ni)	mg/kg	930	<5	<5	<5
Extractable Selenium (Se)	mg/kg	460	<5	<5	<5
Extractable Strontium (Sr)	mg/kg	56,000	<50	<50	<50
Extractable Tin (Sn)	mg/kg	180,000	<1	<1	<1
Extractable Organic Tin	mg/kg	12	<0.2	<0.2	<0.2
Extractable Zinc (Zn)	mg/kg	46,000	<50	<50	<50

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Sample Description	No.4 [△]	Rosy soft rubber / Deep blue soft rubber / Yellow soft rubber (mixed)				
	No.5 [△]	Black soft rubber / Green soft rubber (mixed)				
	No.6 [△]	Light blue soft rubber / White soft rubber(mixed)				
	No.7	Silvery metal ring				
Element	Unit	Limit	Result			
			No.4 [△]	No.5 [△]	No.6 [△]	No.7
Extractable Aluminium (Al)	mg/kg	70,000	<50	<50	<50	<50
Extractable Antimony (Sb)	mg/kg	560	<5	<5	<5	<5
Extractable Arsenic (As)	mg/kg	47	<5	<5	<5	<5
Extractable Barium (Ba)	mg/kg	18,750	<50	<50	<50	<50
Extractable Boron (B)	mg/kg	15,000	<50	<50	<50	<50
Extractable Cadmium (Cd)	mg/kg	17	<3	<3	<3	<3
Extractable Chromium (III) (Cr (III)) [#]	mg/kg	460	<5	<5	<5	<5
Extractable Chromium (VI) (Cr (VI)) [#]	mg/kg	0.2	<0.2	<0.2	<0.2	<0.2
Extractable Cobalt (Co)	mg/kg	130	<5	<5	<5	<5
Extractable Copper (Cu)	mg/kg	7,700	<50	<50	<50	<50
Extractable Lead (Pb)	mg/kg	160	<5	<5	<5	<5
Extractable Manganese (Mn)	mg/kg	15,000	<50	<50	<50	<50
Extractable Mercury (Hg)	mg/kg	94	<5	<5	<5	<5
Extractable Nickel (Ni)	mg/kg	930	<5	<5	<5	<5
Extractable Selenium (Se)	mg/kg	460	<5	<5	<5	<5
Extractable Strontium (Sr)	mg/kg	56,000	<50	<50	<50	<50
Extractable Tin (Sn)	mg/kg	180,000	<1	<1	<1	<1
Extractable Organic Tin	mg/kg	12	<0.2	<0.2	<0.2	<0.2
Extractable Zinc (Zn)	mg/kg	46,000	<50	<50	<50	<50

- Note : 1. <= less than
 2. Unit: mg/kg = ppm
 3. [△]The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above resultswas/were only given as the informality value.
 4. Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested.

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Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III : Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

5. # This test is not covered by CNAS accreditation.

Written by: *Amanda* Inspected by: *Annie* Approved by: *hyt*

*** End of Report ***



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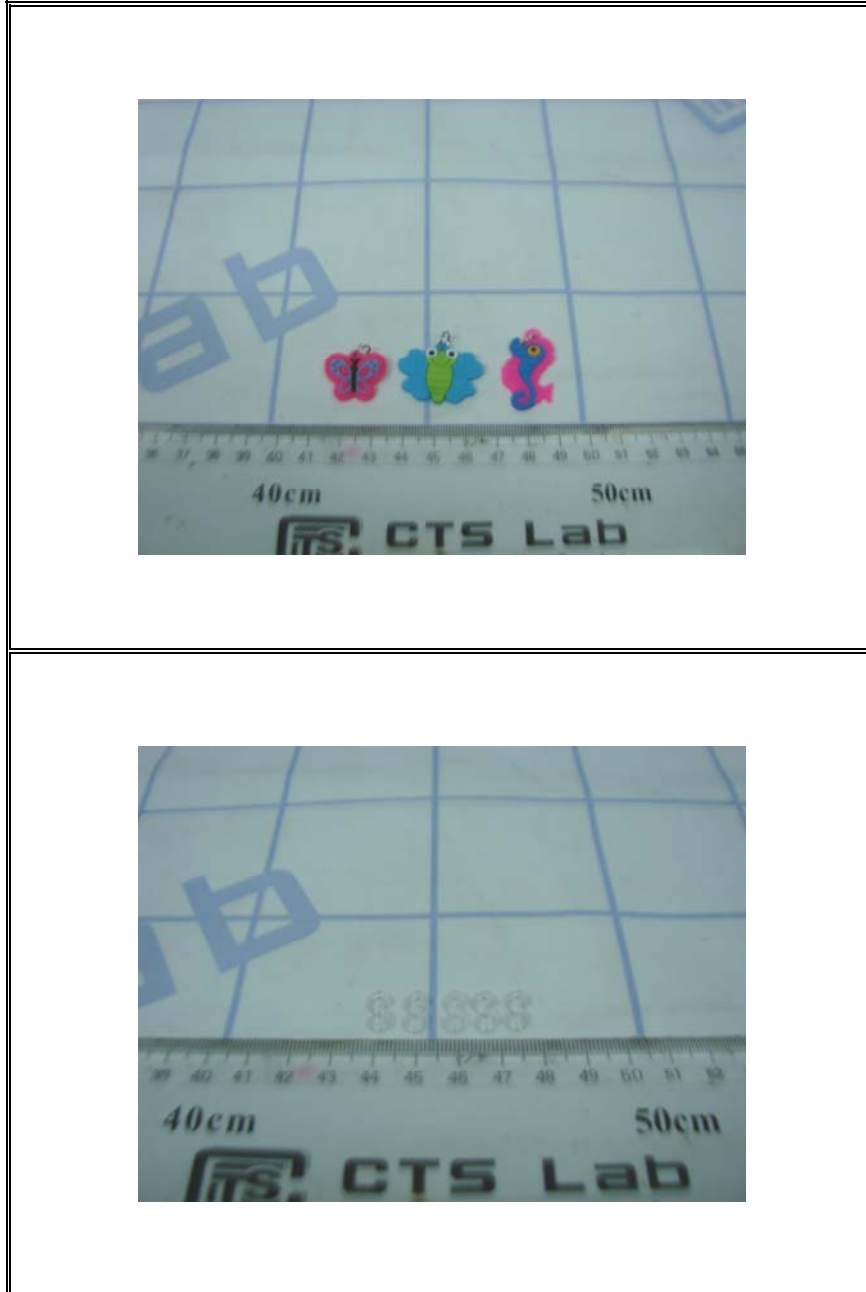
3 Sample Reference Photo



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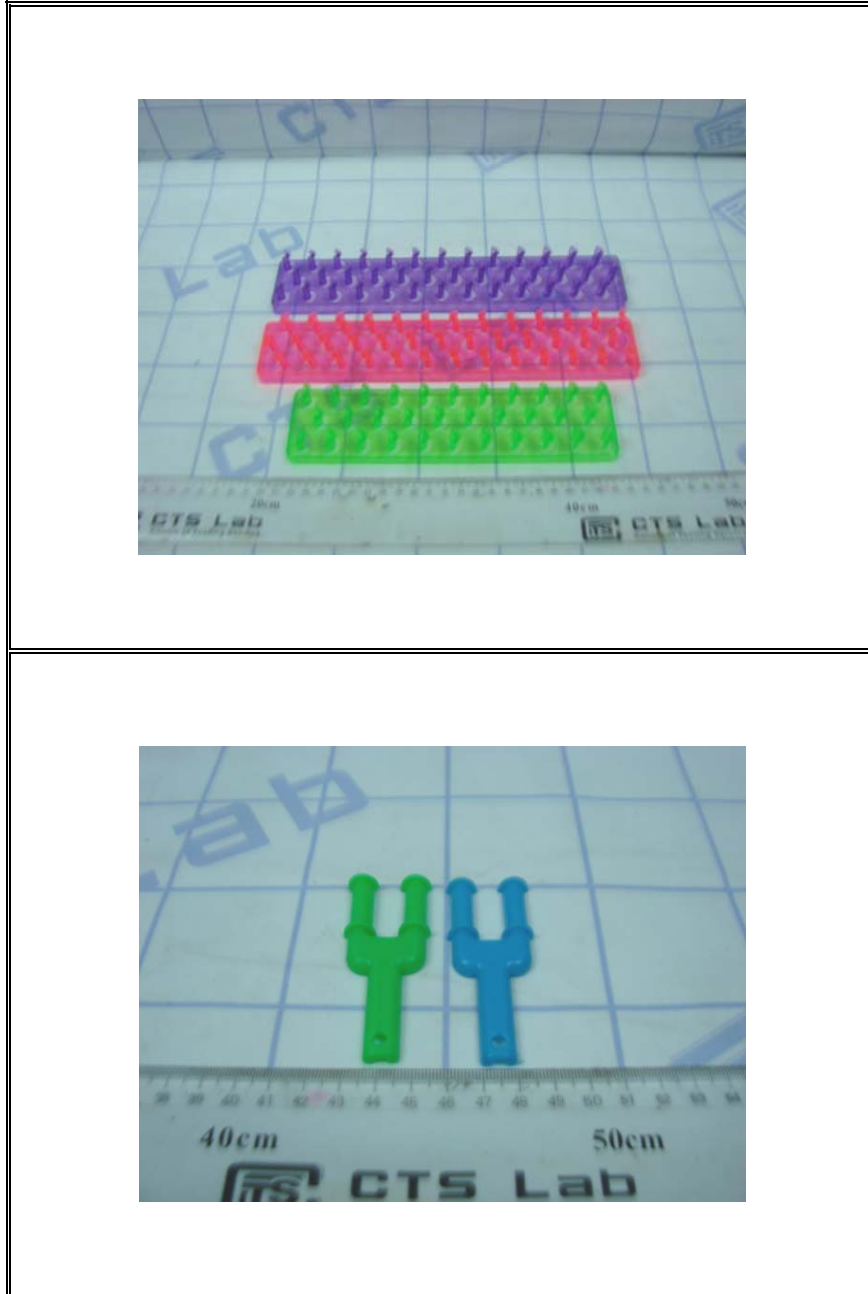
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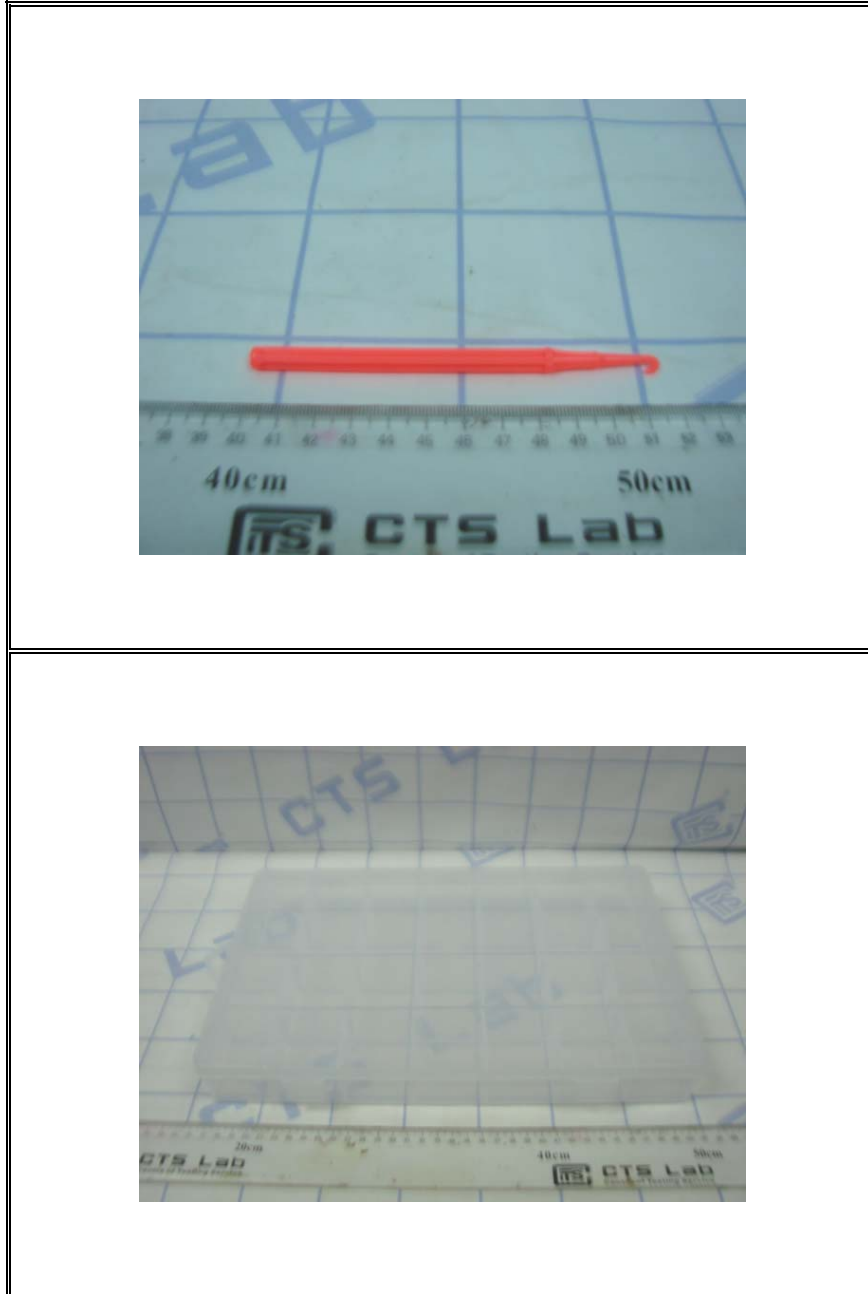
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