



## ICQ GLOBAL LIMITED

# Test Report

**APPLICANT** : **TRUDI S.p.A**  
Via A. Angeli, 120  
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**CONTACT PERSON** : Ms Carol Hoefken

**SAMPLE DESCRIPTION** : Six pieces of each submitted sample said to be:  
LUCKY BUNNY / A-B-C / COLOURS  
SUPPLIER: SKY-BLUE GIFTS & TOYS CO., LTD  
ITEM NO: 82027 / 82028 / 82029



**DATE OF SUBMISSION** : 2008-05-26

**TESTING PERIOD** : 2008-05-27 to 2008-07-03

**LABELED AGE GRADING** : Ages 3 and up

**AGE GRADING FOR TESTING** : Ages 3 and up

| TEST REQUESTED  | PASS | FAIL | REMARK |
|---|------|------|--------|
| EN71-1:2005 and amendments A4:2007<br>“Safety of toys – Part 1: Mechanical and physical properties”       | X    |      |        |
| EN71-2:2006 and amendment AC:2006<br>“Safety of toys – Part 2: Flammability”                              | X    |      |        |
| EN71-3:1994 and amendments A1:2000 + AC:2002<br>“Safety of toys – Part 3: Migration of certain elements”  | X    |      |        |
| ASTM F963-07<br>The requirements of ASTM F963-07, “Standard consumer safety specification for toy safety” | X    |      |        |



Approval Laboratory Signature

Approval Laboratory Signature

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| TEST REQUESTED  | PASS | FAIL | REMARK |
|---|------|------|--------|
| Resistance to Saliva and Perspiration (DIN 53160)   | X    |      |        |
| Cadmium on plastic (EN1122) according to Directive 91/338/EEC   | X    |      |        |
| Cadmium on Synthetic fibres (EN1122) according to Directive 91/338/EEC  | X    |      |        |
| Definition total Lead and cadmium on paint  | X    |      |        |
| Existence of the Arylamines listed in Annex I, No 43 after Reductive Splitting of the Azo Dye<br>Aromatic Amines (Ref. EN14362-1/2 : 2003(E)) | X    |      |        |
| Benzene   | X    |      |        |
| Label Requirements Checking   | X    |      |        |

**EXPLANATION OF THE ABBREVIATIONS FOR EN71 PART 1 AND 2**

| SYMBOL | EXPLANATION  | SYMBOL | EXPLANATION                  |
|--------|--|--------|------------------------------|
| F      | The samples are NOT IN COMPLIANCE with the requirement of this subclause | NE     | Not Evaluated                |
| P      | The samples are IN COMPLIANCE with the requirement of this subclause     | NPR    | Not Present                  |
| NA     | Not Applicable   | PR     | Present                      |
| NR     | Not Requested  | R      | Refer to the Comment Section |



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# Test Report

**1. MECHANICAL & PHYSICAL PROPERTIES (EN71: Part 1: 2005 and Amendments A4:2007)**

**RESULTS:**

| <u>SUBCLAUSE</u> | <u>REQUIREMENT</u>                                       | <u>RESULT</u>    |
|------------------|--|------------------|
| <b>4</b>         | <b><u>GENERAL REQUIREMENTS</u></b>                       | <b><u>P</u></b>  |
| 4.1              | Materials  | P                |
| 4.2              | Assembly   | NA               |
| 4.3              | Flexible plastic sheeting                                | NA               |
| 4.4              | Toy Bags   | NA               |
| 4.5              | Glass  | NA               |
| 4.6              | Expanding materials                                      | NA               |
| 4.7              | Edges  | P                |
| 4.8              | Points and wires   | P                |
| 4.9              | Protruding parts   | P                |
| 4.10             | Parts moving against each other                          | NA               |
| 4.11             | Mouth actuated toys                                      | NA               |
| 4.12             | Balloons & warning on package                            | NA               |
| 4.13             | Toy Kites and other flying toys & warning on toys        | NA               |
| 4.14             | Enclosures   | NA               |
| 4.15             | Toys intended to bear the mass of a child                | NA               |
| 4.16             | Heavy immobile toys                                      | NA               |
| 4.17             | Projectiles  | NA               |
| 4.18             | Aquatic toys   | NA               |
| 4.19             | Percussion caps  | NA               |
| 4.20             | Acoustics  | NA               |
| 4.21             | Toys containing a heat source                            | NA               |
| 4.22             | Small balls  | NA               |
| <b>5</b>         | <b><u>TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS</u></b> | <b><u>NA</u></b> |
| <b>6</b>         | <b><u>PACKAGING</u></b>                                  | <b><u>P</u></b>  |



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| <u>SUBCLAUSE</u> | <u>REQUIREMENT</u>   | <u>RESULT</u> |
|------------------|--|---------------|
| <u>7</u>         | <u>WARNING AND INSTRUCTION FOR USE</u>                           | <u>P</u>      |
| 7.1              | General.   | P             |
| 7.2              | Toys not intended for children under 36 months                   | P             |
| 7.3              | Latex balloons   | NA            |
| 7.4              | Aquatic toys   | NA            |
| 7.5              | Functional toys  | NA            |
| 7.6              | Hazardous sharp functional edges and points                      | NA            |
| 7.7              | Projectiles  | NA            |
| 7.8              | Imitation protective masks and helmets                           | NA            |
| 7.9              | Toy kites  | NA            |
| 7.10             | Roller skates and skateboards warning on toys or packaging       | NA            |
| 7.11             | Toys intended to be strung across a cradle, cot, or perambulator | NA            |
| 7.12             | Liquid-filled teethers   | NA            |
| 7.13             | Percussion caps specifically designed for use in toys            | NA            |
| 7.14             | Acoustics  | NA            |
| 7.15             | Toy bicycles   | NA            |
| 7.16             | Toys intended to bear the mass of a child                        | NA            |
| 7.17             | Toys comprising monofilament fibers                              | NA            |
| 7.18             | Small Balls  | NA            |
| 7.19             | Toys Scooters  | NA            |

## 2. FLAMMABILITY PROPERTIES (EN71: Part 2: 2006)

### RESULTS:

| <u>SUBCLAUSE</u> | <u>REQUIREMENT</u>  | <u>RESULT</u> |
|------------------|---|---------------|
| <u>4</u>         | <u>REQUIREMENTS</u>   | <u>P</u>      |
| 4.1              | General   | P             |
| 4.2              | Toys to be worn on the head   | NA            |
| 4.3              | Toy disguise costumes and toys intended to be worn by child in play | NA            |
| 4.4              | Toys intended to be entered by a child                              | NA            |
| 4.5              | Soft-filled toys with a piled or textile surface                    | NA            |

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**Parts Description:**

| No. | Raw Material        | Position  | Color  |
|-----|---------------------|---|--|
| 1   | Polymeric material  | Stamp (82028)   | Orange rubber  |
| 2   | Polymeric material  | Ink stand cover(82028)                                    | Transparent  |
| 3   | Polymeric material  | Ink stand base(82028)                                     | Black  |
| 4   | Polymeric material  | Pens cover/body(82029)                                    | Dull white   |
| 5   | Polymeric material  | Yellow pen(82029)   | Yellow   |
| 6   | Polymeric material  | Orange pen(82029)   | Orange   |
| 7   | Polymeric material  | Pink pen(82029)   | Pink   |
| 8   | Polymeric material  | Red pen(82029)  | Red  |
| 9   | Polymeric material  | Lt blue pen(82029)  | Lt blue  |
| 10  | Polymeric material  | Blue pen(82029)   | Blue   |
| 11  | Polymeric material  | Purple pen(82029)   | Purple   |
| 12  | Polymeric material  | Green pen(82029)  | Green  |
| 13  | Polymeric material  | Light green pen(82029)                                    | Light green  |
| 14  | Polymeric material  | Brown pen(82029)  | Brown  |
| 15  | Polymeric material  | Grey pen(82029)   | Grey   |
| 16  | Polymeric material  | Black pen(82029)  | Black  |
| 17  | Textile material    | Ink stand (82028)   | Dull white fabric  |
| 18  | Textile material    | Pens tip(82029)   | White fabric   |
| 19  | Textile material    | Clip (82029)  | White adhesive felt                                      |
| 20  | Paper and cardboard | Cards(82028)  | White paper with brown/<br>orange/blue/red/green printed |
| 21  | Paper and cardboard | Cards(82029)  | White card with 7509 beige printed                       |
| 22  | Paper and cardboard | Book(82029)   | White paper with multicolor printed                      |
| 23  | Coating material    | Body/accessories (82027)/clip (82029)                     | 116 dk yellow varnish(refer to 07-1097i)                 |
| 24  | Coating material    | Body/accessories (82027)/ accessories (82028)/clip(82029) | 1235 orange varnish(refer to 07-1097j)                   |
| 25  | Coating material    | Body/accessories (82027)                                  | 485 red varnish (refer to 07-1097k)                      |
| 26  | Coating material    | Body/accessories (82027)/ accessories(82028)/clip (82028) | White varnish (refer to 07-1097m)                        |
| 27  | Coating material    | Body/accessories (82027)/clip (82029)                     | 278 lt blue varnish(refer to 07-2933-9)                  |
| 28  | Coating material    | Body/accessories (82027)                                  | 279 blue varnish(refer to 07-2933-10)                    |
| 29  | Coating material    | Pencil(82028)   | White/red  |
| 30  | Coating material    | Body/accessories (82027)/clip (82029)                     | 172 dk orange varnish                                    |
| 31  | Coating material    | Body/accessories (82027)                                  | 368 green varnish  |
| 32  | Coating material    | Body/accessories (82027) / 82028                          | 7533 black varnish                                       |
| 33  | Coating material    | Body/accessories (82027)                                  | 1255 lt orange varnish                                   |
| 34  | Coating material    | Body/accessories (82027)/ accessories(82028)              | 1375 orange varnish                                      |
| 35  | Coating material    | Body/accessories (82027)                                  | 210 lt pink varnish                                      |

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|    |                  |  |                                 |
|----|------------------|--|---------------------------------|
| 36 | Coating material | Body/accessories (82027)                                   | 211 pink varnish                |
| 37 | Coating material | Body/accessories (82027)                                   | 362 green varnish               |
| 38 | Coating material | Body/accessories (82027)                                   | 375 green varnish               |
| 39 | Coating material | Body/accessories (82027)                                   | 427 lt grey varnish             |
| 40 | Coating material | Body/accessories (82027)                                   | 428 lt grey varnish             |
| 41 | Coating material | Body/accessories (82027)                                   | 429 grey varnish                |
| 42 | Coating material | Body/accessories (82027)                                   | 469 brown varnish               |
| 43 | Coating material | Body/accessories (82027)                                   | 7507 yellow varnish             |
| 44 | Coating material | Body/accessories (82027)                                   | 7508 lt orange varnish          |
| 45 | Coating material | Body/accessories (82027)                                   | 7510 orange varnish             |
| 46 | Coating material | Accessories(82028)/clip(82029)                             | 1505 dk orange varnish          |
| 47 | Coating material | Accessories(82028)   | 100 yellow varnish              |
| 48 | Coating material | Clip(82029)  | 2727 blue varnish               |
| 49 | Coating material | Clip(82029)  | 1788 red varnish                |
| 50 | Coating material | Clip(82029)  | 7517 brown varnish              |
| 51 | Coating material | Ink (82028)  | Orange ink                      |
| 52 | Coating material | Yellow pen(82029)  | 116 Yellow ink                  |
| 53 | Coating material | Orange pen(82029)  | 1505 Orange ink                 |
| 54 | Coating material | Pink pen(82029)  | 210 Pink ink                    |
| 55 | Coating material | Red pen(82029)   | 032 Red ink                     |
| 56 | Coating material | Lt blue pen(82029)   | 292 Lt blue ink                 |
| 57 | Coating material | Blue pen(82029)  | 2728 Blue ink                   |
| 58 | Coating material | Purple pen(82029)  | 2587 Purple ink                 |
| 59 | Coating material | Green pen(82029)   | 361 Green ink                   |
| 60 | Coating material | Light green pen(82029)                                     | 375 Light green ink             |
| 61 | Coating material | Brown pen(82029)   | 7517 Brown ink                  |
| 62 | Coating material | Grey pen(82029)  | 428 Grey ink                    |
| 63 | Coating material | Black pen(82029)   | Black ink                       |
| 64 | Other material   | Body/accessories (82027)/ accessories (82028)/clip (82029) | Light brown wood                |
| 65 | Other material   | Pencil(82028)  | Brown natural wood              |
| 66 | Card             | Printed Book – item no. 82029                              | /                               |
| 67 | Wood             | Mix Varnish – item no. 82029                               | Multicolor                      |
| 68 | Card             | Painted Cards – item no. 82028                             | /                               |
| 69 | Wood             | Mix Varnish – item no. 82028                               | Multicolor                      |
| 70 | Ink              | Ink for stamp – item no. 82028                             | Orange                          |
| 71 | Sticker          | On Pencil – item no. 82028                                 | /                               |
| 72 | Wood             | Mix Varnish – item no. 82027                               | /                               |
| 73 | Ink              | On Marking Pen   | Mix Yellow, Orange & Pink       |
| 74 | Ink              | On Marking Pen   | Mix Red, Light Blue & Blue      |
| 75 | Ink              | On Marking Pen   | Mix Purple, Light Green & Green |
| 76 | Ink              | On Marking Pen   | Mix Brown, Black & Grey         |

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## 3. EN71-3:1994, amendment A1:2000 +AC:2002 - Part 3: Migration of certain elements

Test equipment: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

**RESULTS:**

| Parts | lead | cadmium | chromium | barium | antimony | arsenic | selenium | Mercury |
|-------|------|---------|----------|--------|----------|---------|----------|---------|
| 1     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 2     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 3     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 4     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 5     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 6     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 7     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 8     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 9     | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 10    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 11    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 12    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 13    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 14    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 15    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 16    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 17    | <8   | <1      | <2       | 880    | <2       | <1      | <3       | <1      |
| 18    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 19    | 18   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 20    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 21    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 22    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 23    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 24    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 25    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 26    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 27    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 28    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 29    | <8   | <1      | <2       | 113    | <2       | <1      | <3       | <1      |
| 30    | <8   | <1      | <2       | 32     | <2       | <1      | <3       | <1      |
| 31    | <8   | <1      | <2       | 175    | <2       | <1      | <3       | <1      |
| 32    | <8   | <1      | <2       | <10    | <2       | <1      | <3       | <1      |
| 33    | <8   | <1      | <2       | 149    | <2       | <1      | <3       | <1      |
| 34    | <8   | <1      | <2       | 172    | <2       | <1      | <3       | <1      |

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|              |           |           |           |             |           |           |            |           |
|--------------|-----------|-----------|-----------|-------------|-----------|-----------|------------|-----------|
| 35           | <8        | <1        | <2        | 52          | <2        | <1        | <3         | <1        |
| 36           | <8        | <1        | <2        | 117         | <2        | <1        | <3         | <1        |
| 37           | <8        | <1        | <2        | 160         | <2        | <1        | <3         | <1        |
| 38           | <8        | <1        | <2        | 163         | <2        | <1        | <3         | <1        |
| 39           | <8        | <1        | <2        | 11          | <2        | <1        | <3         | <1        |
| 40           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 41           | <8        | <1        | <2        | 95          | <2        | <1        | <3         | <1        |
| 42           | <8        | <1        | <2        | 187         | <2        | <1        | <3         | <1        |
| 43           | <8        | <1        | <2        | 109         | <2        | <1        | <3         | <1        |
| 44           | <8        | <1        | <2        | 146         | <2        | <1        | <3         | <1        |
| 45           | <8        | <1        | <2        | 179         | <2        | <1        | <3         | <1        |
| 46           | <8        | <1        | <2        | 56          | <2        | <1        | <3         | <1        |
| 47           | <8        | <1        | <2        | 30          | <2        | <1        | <3         | <1        |
| 48           | <8        | <1        | <2        | 119         | <2        | <1        | <3         | <1        |
| 49           | <8        | <1        | <2        | 127         | <2        | <1        | <3         | <1        |
| 50           | <8        | <1        | <2        | 74          | <2        | <1        | <3         | <1        |
| 51           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 52           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 53           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 54           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 55           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 56           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 57           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 58           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 59           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 60           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 61           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 62           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 63           | <8        | <1        | <2        | <10         | <2        | <1        | <3         | <1        |
| 64           | <8        | <1        | <2        | 23          | <2        | <1        | <3         | <1        |
| 65           | <8        | <1        | <2        | 176         | <2        | <1        | <3         | <1        |
| <b>Limit</b> | <b>90</b> | <b>75</b> | <b>60</b> | <b>1000</b> | <b>60</b> | <b>25</b> | <b>500</b> | <b>60</b> |

Note:

The results expressed are in mg/kg

The symbol < followed by a number indicates that the concentration of the element is less than the detection limit expressed by that number.

The value in mg following a part indicates the part quantity used for the test. It is indicated only if the part present in the sample is less than 100 mg (See EN 71/3 - Par. 10)

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# Test Report

## 4. US SAFETY REQUIREMENTS (ASTM F963-07)

### RESULTS:

| <u>SUBCLAUSE</u> | <u>REQUIREMENT</u>                                | <u>RESULT</u>      |
|------------------|---|--------------------|
| 4.1              | Material Quality                                  | P                  |
| 4.2              | Flammability                                      | P                  |
| 4.3              | Toxicology  | Refer to section 3 |
| 4.3.7            | Stuffing materials – visual                       | NA                 |
| 4.4              | Electrical/Thermal Energy – 120V                  | NA                 |
| 4.5              | Sound – Producing Toys                            | NA                 |
| 4.6              | Small Objects                                     | NR                 |
| 4.7              | Accessible Edges                                  | P                  |
| 4.8              | Projections                                       | P                  |
| 4.9              | Accessible Points                                 | P                  |
| 4.10             | Wires or rods                                     | NA                 |
| 4.11             | Nails and Fasteners                               | P                  |
| 4.12             | Packaging Film                                    | P                  |
| 4.13             | Folding Mechanism and Hinges                      | NA                 |
| 4.14             | Cords and Elastics                                | NA                 |
| 4.15             | Stability and Over-Load                           | NA                 |
| 4.16             | Confined Spaces                                   | NA                 |
| 4.17             | Wheels, Tires, and Axles                          | NA                 |
| 4.18             | Holes, Clearance, and accessibility of Mechanisms | P                  |
| 4.19             | Simulated Protective Devices                      | NA                 |
| 4.20             | Pacifiers   | NA                 |
| 4.21             | Projectile Toys                                   | NA                 |
| 4.22             | Teethers and Teething Toys                        | NA                 |
| 4.23             | Rattles   | NA                 |
| 4.24             | Squeeze Toys                                      | NA                 |
| 4.25             | Battery operated toys                             | NA                 |
| 4.26             | Toys Intended to be Attached to a Crib or Playpen | NA                 |
| 4.27             | Toy Chest   | NA                 |

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# Test Report

|      |   |    |
|------|---|----|
| 4.28 | Stuffed and Beanbag – Type Toys                       | NA |
| 4.31 | Toy Gun Marking                                       | NA |
| 4.33 | Certain Toys with Spherical Ends                      | NA |
| 4.34 | Marbles   | NA |
| 4.35 | Balls   | NA |
| 4.36 | Pompoms   | NA |
| 4.37 | Hemispheric – Shaped Objects                          | NA |
| 4.38 | Yo-Yo Ball  | NA |
| 4.39 | Magnet  | P  |
| 5.3  | Safety labeling Requirements                          | NA |
| 5.4  | Aquatic Toys  | NA |
| 5.5  | Crib and Playpen Toys                                 | NA |
| 5.6  | Mobiles   | NA |
| 5.7  | Stroller and Carriage Toys                            | NA |
| 5.8  | Toys Intended to be Assembled by an Adult             | NA |
| 5.9  | Simulated Protective Devices                          | NA |
| 5.10 | Toys with Functional Sharp Edges or Point             | NA |
| 5.11 | Small Objects, Small Balls, Marbles, and Balloons     | NA |
| 5.12 | Toys Caps   | NA |
| 5.13 | Art Material  | NA |
| 5.15 | Battery – Operated Toys                               | NA |
| 5.16 | Promotional Materials                                 | NA |
| 5.17 | Magnet warning  | NA |
| 6.1  | Instructional Literature - Definition and Description | P  |
| 6.2  | Toy Chests  | NA |
| 6.3  | Crib and Playpen Toys                                 | NA |
| 6.4  | Mobiles   | NA |
| 6.5  | Toy intended to be Assembled by an Adult              | NA |
| 6.6  | Battery-Operated Toys                                 | NA |
| 6.7  | Toys in Contact with Food                             | NA |
| 7.1  | Producer’s Name and Address                           | P  |

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# Test Report

|     |                              |    |
|-----|------------------------------|----|
| 7.2 | Toy Chests                   | NA |
| 7.3 | Battery-Powered Ride-On Toys | NA |

### 5. Cadmium on plastic according to Directive 91/338/EEC

Test equipment: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

| parts        | single measurement 1 |
|--------------|----------------------|
| 1 + 2        | <20mg/kg             |
| 3 + 4        | <20mg/kg             |
| 5 + 6        | <20mg/kg             |
| 7 + 8        | <20mg/kg             |
| 9 + 10       | <20mg/kg             |
| 11 + 12      | <20mg/kg             |
| 13 + 14      | <20mg/kg             |
| 15 + 16      | <20mg/kg             |
| <b>Limit</b> | <b>100mg/kg</b>      |

### 6. Cadmium on synthetic fibre according to Directive 91/338/EEC

Test equipment: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

| parts        | single measurement 1 |
|--------------|----------------------|
| 17 + 18      | <20mg/kg             |
| 19           | 39mg/kg              |
| <b>Limit</b> | <b>100mg/kg</b>      |



## ICQ GLOBAL LIMITED

# Test Report

### 7. Definition of total Content of Lead and Cadmium on paint

Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

| parts   | lead                        | cadmium                     |
|---------|-----------------------------|-----------------------------|
| 23      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 24      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 25      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 26      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 27      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 28      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 29      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 30 + 31 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 32 + 33 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 34 + 35 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 36 + 37 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 38 + 39 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 40 + 41 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 42 + 43 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 44 + 45 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 46 + 47 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 48 + 49 | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 50      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 51      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 52      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 53      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 54      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 55      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 56      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 57      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 58      | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |

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**ICQ GLOBAL LIMITED**

# Test Report

|   |                             |                             |
|---|-----------------------------|-----------------------------|
| 59  | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 60  | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 61  | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 62  | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| 63  | Not Detectable (< 20 mg/kg) | Not Detectable (< 20 mg/kg) |
| <b>Limit</b>  | <b>Not detectable</b>       | <b>100mg/kg</b>             |
| Note:<br>The results expressed are in mg/kg<br>The symbol < followed by a number indicates that the concentration of the element is less than the detection limit expressed by that number. |                             |                             |

**8. Resistance to Saliva and Sweat**

Standards / Norms: DIN 53160 (German Test Method, Section 35 LMBG 82.10-1 June 1985)

| parts | resistant to saliva | resistant to perspiration |
|-------|---------------------|---------------------------|
| 1     | Grade 5             | Grade 5                   |
| 2     | Grade 5             | Grade 5                   |
| 3     | Grade 5             | Grade 5                   |
| 4     | Grade 5             | Grade 5                   |
| 5     | Grade 5             | Grade 5                   |
| 6     | Grade 5             | Grade 5                   |
| 7     | Grade 5             | Grade 5                   |
| 8     | Grade 5             | Grade 5                   |
| 9     | Grade 4-5           | Grade 5                   |
| 10    | Grade 5             | Grade 5                   |
| 11    | Grade 5             | Grade 5                   |
| 12    | Grade 5             | Grade 5                   |
| 13    | Grade 5             | Grade 5                   |
| 14    | Grade 5             | Grade 5                   |
| 15    | Grade 5             | Grade 5                   |
| 16    | Grade 5             | Grade 5                   |
| 17    | Grade 5             | Grade 5                   |
| 18    | Grade 5             | Grade 5                   |
| 19    | Grade 5             | Grade 5                   |

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**Test Report**

|              |   |         |
|--------------|---|---------|
| 20           | Grade 5   | Grade 5 |
| 21           | Grade 5   | Grade 5 |
| 22           | Grade 5   | Grade 5 |
| 23           | Grade 5   | Grade 5 |
| 24           | Grade 5   | Grade 5 |
| 25           | Grade 5   | Grade 5 |
| 26           | Grade 5   | Grade 5 |
| 27           | Grade 5   | Grade 5 |
| 28           | Grade 5   | Grade 5 |
| 29           | Grade 5   | Grade 5 |
| 30           | Grade 5   | Grade 5 |
| 31           | Grade 5   | Grade 5 |
| 32           | Grade 5   | Grade 5 |
| 33           | Grade 5   | Grade 5 |
| 34           | Grade 5   | Grade 5 |
| 35           | Grade 5   | Grade 5 |
| 36           | Grade 5   | Grade 5 |
| 37           | Grade 5   | Grade 5 |
| 38           | Grade 5   | Grade 5 |
| 39           | Grade 5   | Grade 5 |
| 40           | Grade 5   | Grade 5 |
| 41           | Grade 5   | Grade 5 |
| 42           | Grade 5   | Grade 5 |
| 43           | Grade 5   | Grade 5 |
| 44           | Grade 5   | Grade 5 |
| 45           | Grade 5   | Grade 5 |
| 46           | Grade 5   | Grade 5 |
| 47           | Grade 5   | Grade 5 |
| 48           | Grade 5   | Grade 5 |
| 49           | Grade 5   | Grade 5 |
| 50           | Grade 5   | Grade 5 |
| <b>Limit</b> | <b>Resistent</b><br>[Not less 4-5 (grey scale)] |         |



ICQ GLOBAL LIMITED

# Test Report

9. **Determination of Certain Azo-Dye**

Standards / Norms: EN 14362 -1/2:2003

Method used: H.P.L.C. with DAD detector – GC with MS detector.

|  |  |          | parts         |
|--|--|----------|---------------|
| N.   | Name of Amines                           | CAS N.   | 17 + 18 + 19  |
| 1  | 4-Aminodiphenyl                          | 92-67-1  | ND            |
| 2  | Benzidine                                | 92-87-5  | ND            |
| 3  | 4-Chloro-o-Toluidine                     | 95-69-2  | ND            |
| 4  | 2-Naphthylamine                          | 91-59-8  | ND            |
| 5  | o-Aminoazotoluene                        | 97-56-3  | ND            |
| 6  | 2-Amino-4-Nitrotoluene                   | 99-55-8  | ND            |
| 7  | p-Chloroaniline                          | 106-47-8 | ND            |
| 8  | 2,4-Diaminoanisole                       | 615-05-4 | ND            |
| 9  | 4,4'-Diaminodiphenylmethane              | 101-77-9 | ND            |
| 10   | 3,3'-Dichlorobenzidine                   | 91-94-1  | ND            |
| 11   | 3,3'-Dimethoxybenzidine                  | 119-90-4 | ND            |
| 12   | 3,3'-Dimethylbenzidine                   | 119-93-7 | ND            |
| 13   | 3,3'-Dimethyl-4,4'-Diminodiphenylmethane | 838-88-0 | ND            |
| 14   | p-Kresidine                              | 120-71-8 | ND            |
| 15   | 4,4'-Methylene-bis-(2-Chloraniline)      | 101-14-4 | ND            |
| 16   | 4,4'-Oxydianiline                        | 101-80-4 | ND            |
| 17   | 4,4'-Thiodianiline                       | 139-65-1 | ND            |
| 18   | o-Toluidine                              | 95-53-4  | ND            |
| 19   | 2,4'-Toluylenediamine                    | 95-80-7  | ND            |
| 20   | 2,4,5-Trimethylaniline                   | 137-17-7 | ND            |
| 21   | o-Anisidine                              | 90-04-0  | ND            |
| 22   | 4-Aminoazobenzene                        | 60-09-3  | ND            |
| 23   | 2,4 - xylylidine                         | 95-68-1  | ND            |
| 24   | 2,6 - xylylidine                         | 87-62-7  | ND            |
| <b>Limit</b>   |  |          | <b>30 ppm</b> |
| Note:<br>Method detection limit = 10 ppm<br>ppm denotes part(s) per million<br>ND denotes Non Detected |  |          |               |



## ICQ GLOBAL LIMITED

# Test Report

### 10. Painted/Varnished Materials – Determination of Benzene Residue

Method used: Gaschromatograph with FID and/or Mass Detector

| Tested Parts   | Result                    |
|----------------|---------------------------|
| <b>Item 66</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 67</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 68</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 69</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 70</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 71</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 72</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 73</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 74</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 75</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |
| <b>Item 76</b> |                           |
| Benzene        | Not Detectable (<5 mg/kg) |





**ICQ GLOBAL LIMITED**

# Test Report

11. Label Checking

| LABELLING REQUIREMENTS  | LEGISLATIVE REFERENCE        | CRITERIA  | RESULTS | REMARKS |
|---|------------------------------|---|---------|---------|
| Uniform Packaging and Labelling Regulation                      | UPLR and Directive 88/378/CE | -Manufacturer, packer or distributor name and address (either on the toy and on the packaging)  | PASS    |         |
|   |                              | -Product identification   | PASS    |         |
|   |                              | -Net contents/quantity  | NA      |         |
|   |                              | -Read and keep them for reference (when the above indicated information are on the packaging)   | PASS    |         |
| Country of origin   | 19 CFR 134                   | Shall be indicated the country of origin on the toy and on the packaging  | PASS    |         |
| CE marking  | Directive 88/378             | For European market the CE marking should be present on the toy or its packaging.   | PASS    |         |
| Specific safety labelling requirement according to test results | ASTM F963-03<br>EN 71-1      | According to mechanical/physical test results specific warning should be indicated sue to specific hazard of the product related to the age grading | NR      |         |



ICQ GLOBAL LIMITED

# Test Report

| LABELLING REQUIREMENTS   | LEGISLATIVE REFERENCE | CRITERIA  | RESULTS | REMARKS |
|--|-----------------------|---|---------|---------|
| Crib and playpen toys, mobile intended to be attached to a crib or playpen | ASTM F963-07          | <p>-<i>"WARNING! Possible entanglement injury. Keep out of baby's reach. Remove mobile from crib and playpen when baby begins to push up on habds and knees."</i></p> <p>-Mobile and its packaging shall be labelled with <i>"from birth to 5 month"</i>.</p> <p>-Shall be provided with instruction for proper assembly, installation and use to insure that the product does not present entanglement or strangulation hazard. Other specific information should be provided according to paragraphs 6.3 and 6.4.</p> | NA      |         |
| Mobile to be attached to the ceiling or wall                               | ASTM F963-07          | <p>-<i>"WARNING! Possible entanglement injury. Keep out of baby's reach."</i></p> <p>-Shall be provided with instruction for proper assembly, installation and use to insure that the product does not present entanglement or strangulation hazard. Other specific information should be provided according to paragraphs 6.3 and 6.4.</p>   | NA      |         |



ICQ GLOBAL LIMITED

# Test Report

| LABELLING REQUIREMENTS                   | LEGISLATIVE REFERENCE       | CRITERIA   | RESULTS | REMARKS |
|--|-----------------------------|--|---------|---------|
| Storrel and Carriage toys                | ASTM F963-07                | <p>-<i>"WARNING! Possible entanglement injury when attached to crib or playpen. Do not attach to crib or playpen."</i></p> <p>-Shall be provided with instruction for proper assembly, installation and use to insure that the product does not present entanglement or strangulation hazard. Other specific information should be provided according to paragraphs 6.3 and 6.4.</p>   | NA      |         |
| Toy intended to be assembled by an adult | ASTM F963-07                | On the packaging shall be indicated that the toy is to be assembled by an adult for the presence of hazardous sharp edge and points or small parts.  | NA      |         |
| Electrical Toy                           | ASTM F 963-07, 16 CFR 15005 | <p>A toy shall be market with:</p> <p>-Rating in volt and ampere (on battery division)</p> <p>-Polarity and shape of batteries in real or proportional dimension</p> <p>-<i>"CAUTION-ELECTRIC TOY"</i></p> <p>-The date (month and year) of manufacture (in alternative it should be on the instruction)</p> <p>-On the instruction booklet and the pack:<br/><i>"CAUTION-ELECTRIC TOY/PRODUCT: Not recommended for children under ....years of age. As with all electrical products, precaution should be observed during handling and use to prevent a shock."</i></p> | NA      |         |



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# Test Report

| LABELLING REQUIREMENTS | LEGISLATIVE REFERENCE    | CRITERIA   | RESULTS | REMARKS |
|------------------------|--------------------------|--|---------|---------|
| Battery operated toy   | ASTM F963-07<br>EN 62115 | <p>On the instruction:</p> <ul style="list-style-type: none"> <li>-Indication about how to remove and change batteries</li> <li>-Use batteries of the same type or equivalent to the one recommended</li> <li>-Do not mix old and new batteries</li> <li>-Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel cadmium) batteries</li> <li>- Insert batteries respecting the polarity</li> <li>- Do not recharge not rechargeable batteries</li> <li>-Removed rechargeable batteries from the toys before recharge them</li> <li>-Rechargeable batteries have to be recharged under the supervision of an adult</li> <li>- Removed unloaded batteries from the toy</li> <li>- Do not circuit power clamp</li> <li>-Toy with non-replaceable batteries that are accessible with the use of a coin, a screwdriver or other common household tool shall bear a statement that battery is not replaceable. If it is not possible to put this information on the product, it shall be placed on the packaging or the instruction.</li> </ul> | NA      |         |

\*\*\*\*\*END OF TEST REPORT\*\*\*\*\*