

# CENTRE OF TESTING SERVICE INTERNATIONAL

**OPERATE ACCORDING TO ISO/IEC 17025** 

# TOY SAFETY TEST REPORT

**TEST REPORT NUMBER: CTS181206013-TO** 





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

Fl.1 & 8 West, Bldg. B, No. 66, Qingyi Rd.,Hi-Tech Zone, Ningbo, Zhejiang, China.





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# **TEST REPORT**

RUTHERGLEN, GLASGOW, G73 1UB, U.K.  Samples: TPR TOY  Sample Description: TPR TOY  Item No.: SV1309/SV1825/SV13436/SV13686/SV13880/SV13881/S V14637/SV14868  Destination country/area: Oversea  Sample Quantity: 2 Sets  Date of Sample Received: 06 Dec. 2018  CTS (Ningbo) Testing Service Technology Co., Ltd.		
RUTHERGLEN, GLASGOW, G73 1UB, U.K.  Samples: TPR TOY  Sample Description: TPR TOY  Item No.: SV1309/SV1825/SV13436/SV13686/SV13880/SV13881/S  V14637/SV14868  Destination country/area: Oversea  Sample Quantity: 2 Sets  Date of Sample Received: 06 Dec. 2018  CTS (Ningbo) Testing Service Technology Co., Ltd. FI.1 & 8 West, Bldg. B, No. 66, Qingyi Rd.,Hi-Tech Zone Ningbo, Zhejiang, China  Testing Period: 06 Dec. 2018 – 21 Dec.2018  EN 71-1: 2014+A1:2018 Safety of toys—Part 1: Mechanical and physical properties EN 71-2: 2011+A1:2014 Safety of toys—Part 2: Flammability EN 71-3: 2013+A3:2018 Safety of toys—Part 3: Migration of Certain Elements  Test Requested: ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC) the Phthalates content in the submitted sample  Labeled Age Grading: / Test Age Grading: 3+ Test Method: As specified in the above standards	Applicant:	H. GROSSMAN LTD.
Sample Description:  Item No.:  SV1309/SV1825/SV13436/SV13686/SV13880/SV13881/S V14637/SV14868  Destination country/area:  Oversea  Sample Quantity:  Date of Sample Received:  O6 Dec. 2018  CTS (Ningbo) Testing Service Technology Co., Ltd. Fl.1 & 8 West, Bldg. B, No. 66, Qingyi Rd.,Hi-Tech Zone Ningbo, Zhejiang, China  Testing Period:  O6 Dec. 2018 – 21 Dec. 2018  EN 71-1: 2014+A1:2018 Safety of toys— Part 1:  Mechanical and physical properties EN 71-2: 2011+A1:2014 Safety of toys—Part 2:  Flammability EN 71-3: 2013+A3:2018 Safety of toys—Part 3:  Migration of Certain Elements  ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC).  - the Phthalates content in the submitted sample  Labeled Age Grading:  7  Test Age Grading:  As specified in the above standards	Address:	HERSCHEL HOUSE, QUAY IND ESTATE, ASHTON ROAD, RUTHERGLEN, GLASGOW, G73 1UB, U.K.
Sample Description: TPR TOY     SV1309/SV1825/SV13436/SV13686/SV13880/SV13881/S     V14637/SV14868     Destination country/area: Oversea     Sample Quantity: 2 Sets     Date of Sample Received: 06 Dec. 2018     CTS (Ningbo) Testing Service Technology Co., Ltd.     FI.1 & 8 West, Bldg. B, No. 66, Qingyi Rd.,Hi-Tech Zone Ningbo, Zhejiang, China     Testing Period: 06 Dec. 2018 = 21 Dec. 2018     EN 71-1: 2014+A1:2018 Safety of toys—Part 1: Mechanical and physical properties     EN 71-2: 2011+A1:2014 Safety of toys—Part 2: Flammability     EN 71-3: 2013+A3:2018 Safety of toys—Part 3: Migration of Certain Elements     Test Requested: ANNEX XVII of the REACH Regulation (EC) No.1907/2006     & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC)     - the Phthalates content in the submitted sample     Labeled Age Grading: 7     Test Age Grading: 3+     Test Method: As specified in the above standards	Samples:	
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EN 71-1: 2014+A1:2018 Safety of toys— Part 1:	Test Address:	Fl.1 & 8 West, Bldg. B, No. 66, Qingyi Rd., Hi-Tech Zone,
Mechanical and physical properties EN 71-2: 2011+A1:2014 Safety of toys — Part 2: Flammability EN 71-3: 2013+A3:2018 Safety of toys — Part 3: Migration of Certain Elements  ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC) the Phthalates content in the submitted sample  Labeled Age Grading:  Test Age Grading:  7  Test Method:  As specified in the above standards	Testing Period:	
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Test Age Grading: 3+ Test Method: As specified in the above standards	Labeled Age Grading:	/
Test Method: As specified in the above standards		3+
Test Results: See the attachment in detail	•	As specified in the above standards
L	Test Results:	See the attachment in detail



Signature

Name: Hyt

Position: Lab Manager Date: 21 Dec.2018





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### **TEST REPORT**

### **Test Results:**

(1) Mechanical and Physical Properties
As Specified in European Standard on Safety of Toys EN 71-1: 2014+A1:2018

	EN 71-1: 2014+A1:2018					
Clause	Test Item	Remark	Verdict			

4	General requirements		
4.1	Material cleanliness	No stain	Р
4.2	Assembly		N
4.3	Flexible plastic sheeting		N
4.4	Toy bags		N
4.5	Glass		N
4.6	Expanding materials		N
4.7	Edges		Р
4.8	Points and metallic wires		Р
4.9	Protruding parts		N
4.10	Parts moving against each other		N
4.11	Mouth-actuated toys and other toys intended to be put in the mouth		N
4.12	Balloons		N
4.13	Cords of toy kites and other flying toys		N
4.14	Enclosures		N
4.15	Toys intended to bear the mass of a child		N
4.16	Heavy immobile toys		N
4.17	Projectile toys		N
4.18	Aquatic toys and inflatable toys		N
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps		N
4.20	Acoustics		N
4.21	Toys containing a non-electrical heat source		N
4.22	Small balls		N
4.23	Magnets		N
4.24	Yo-yo balls		N
4.25	Toys attached to food		N
4.26	Toy Disguise Costumes		N





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### **TEST REPORT**

	EN 71-1: 2014+A1:2018				
Clause	Clause Test Item Remark				
4.27	Flying toys		N		

5	Toys intended for children under 36 months	Toys intended for children under 36 months		
5.1	General requirements		Ν	
5.2	Soft-filled toys and soft-filled parts of a toy		N	
5.3	Plastic sheeting		N	
5.4	Cords, chains and electrical cables in toys		N	
5.5	Liquid-filled toys		N	
5.6	Speed limitation of electrically-driven ride-on toys		N	
5.7	Glass and porcelain		N	
5.8	Shape and size of certain toys		N	
5.9	Toys comprising monofilament fibres		N	
5.10	Small balls		N	
5.11	Play figures		N	
5.12	Hemispheric-shaped toys		N	
5.13	Suction cups		N	
5.14	Straps intended to be worn fully or partially around the neck		N	
5.15	Sledges with cords for pulling		Ν	

6	Packaging	 Р
7	Warnings, markings and instructions for use	 NT

Abbreviation: P = Pass; N = Not Applicable; NT= Not Tested (no packaging provided).

### Note:

- (1) All test results are only valid for the samples being tested.
- (2) Mechanical and physical properties testing is subcontract item.

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### **TEST REPORT**

(2) Flammability Test
As Specified in European Standard on Safety of Toys EN 71-2: 2011+A1:2014

EN 71-2: 2011+A1:2014				
Clause	Requirement – Test	F	Remark	Verdict

4	Requirements		
4.1	General requirements		Р
4.2	Toys to be worn on the head		N
4.3	Toy disguise costumes and toys intended to be worn by a child in play		N
4.4	Toys intended to be entered by a child		Ν
4.5	Soft-filled toys		N

Abbreviation: P = Pass; N = Not Applicable

### Note:

(1) All test results are only valid for the samples being tested.

(2) Flammability properties testing is subcontract item.

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### **TEST REPORT**

# (3) Migration of Certain Elements

With reference to EN 71-3:2013+A3:2018.

- 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

	No.1*	rubber(\$	per(Sticky a Sticky alien Sticky alien	eggs) / Gr	ay
Sample Description	No.2	Black coati squeezing be frog, One-l	Black coating (Sticky alien eggs, Alien squeezing beads, Luminous penguin, Stic frog, One-horned horse finger puppet, Dinosaur hand doll, Unicorn hand doll)		
	No.3	Transparent rubber(Alien squeezing bea			beads)
Element	Unit	Limit		Result	
Liement		Lilling	No.1*	No.2	No.3
Extractable Aluminium (AI)	mg/kg	70,000	<50	<50	<50
Extractable Antimony (Sb)	mg/kg	560	<5	<5	<5
Extractable Arsenic (As)	mg/kg	47	<b>&lt;</b> 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	23	<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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# **TEST REPORT**

	No.4*		(Luminous uminous pe uminous pe	nguin) / Yel	llow		
Sample Description	No.5*	Green rubb	Green rubber(Luminous penguin) / Blue rubber(Luminous penguin) (mixed)				
	No.6	frog, One-	White coating (Luminous penguin, Si frog, One-horned horse finger puppe Dinosaur hand doll, Unicorn hand do		ppet,		
Element	Unit	Limit		Result			
Liement	Offic	Lilling	No.4*	No.5*	No.6		
Extractable Aluminium (AI)	mg/kg	70,000	<50	<50	70		
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	23	<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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# **TEST REPORT**

	No.7		coating (Lur Dinosaur ha		guin,
Sample Description	No.8	Gree	en rubber (	Sticky frog	)
	No.9	Dark gr	een coating	Sticky from	og)
Element	Unit	Limit		Result	
Element		LIIIII	No.7	No.8	No.9
Extractable Aluminium (AI)	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	23	<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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# **TEST REPORT**

	No.10*	puppet) / Pui		(One-horne	ed horse
	110110	finger puppet) / White rubber (One-horned horse finger puppet) (mixed)			
Sample Description	No.11*	Silver gray coating (One-horned horse finger puppet, Unicorn hand doll) / I purple coating (One-horned horse finger puppet, Unicorn hand doll)/ Pink coat (One-horned horse finger puppet, Unicorn hand doll) (mixed)		horse / Dark finger coating	
	No.12*	Red rubber rubber (D	(Dinosaur I )inosaur ha	,	
Element	Unit	Limit		Result	
Liement	Oilit	Lillin	No.10*	No.11*	No.12*
Extractable Aluminium (AI)	mg/kg	70,000	<50	238	<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	23	<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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### **TEST REPORT**

	No.13	Red coating (Dinosaur hand doll)				
Sample Description	No.14	White rubber (Unicorn hand doll)				
	No.15	Light blue coating (Unicorn hand			d doll)	
Element	Unit	Jnit Limit	Result			
Element	Offic	Lillit	No.13	No.14	No.15	
Extractable Aluminium (AI)	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	23	<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	

Note : 1. <= less than

2. 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.

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





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### **TEST REPORT**

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).

- 3. The tested part of the sample was specified by client.
- 4. EN71-3 mixed data is for reference only.
- 5.\* The samples was/were analyzed as mixing sample in one testing as applicant's request. The above results was/were only given as the informality value.

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### **TEST REPORT**

### (4)Phthalates Test

### 4.1 Test Requested

As specified by applicant, to determine Phthalates content in the submitted sample in accordance with Phthalates content requirement in ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC).

### 4.2 Test Method

With reference to EPA 3540C and EPA 8270D: Solvent extraction, followed by analysis using Gas Chromatography-Mass Spectrometry.

### 4.3 Results

Sample Description		Result (%)			Total	Maximum
		DEHP	DBP	ВВР	(%)	Allowable Limit (%)
No.1*	Green rubber(Sticky alien eggs) / Blue rubber(Sticky alien eggs) / Gray rubber(Sticky alien eggs) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.2	Black coating (Sticky alien eggs, Alien squeezing beads, Luminous penguin, Sticky frog, One-horned horse finger puppet, Dinosaur hand doll, Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.3	Transparent rubber(Alien squeezing beads)	N.D.	N.D.	N.D.	N.D.	0.1
No.4*	Pink rubber(Luminous penguin) / Purple rubber(Luminous penguin) / Yellow rubber(Luminous penguin) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.5*	Green rubber(Luminous penguin) / Blue rubber(Luminous penguin) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.6	White coating (Luminous penguin, Sticky frog, One-horned horse finger puppet, Dinosaur hand doll, Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.7	Yellow coating (Luminous penguin, Dinosaur hand doll)	0.027	N.D.	N.D.	0.027	0.1
No.8	Green rubber (Sticky frog)	N.D.	N.D.	N.D.	N.D.	0.1
No.9	Dark green coating (Sticky frog)	N.D.	N.D.	N.D.	N.D.	0.1

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# **TEST REPORT**

Sample Description		Result (%)			Total	Maximum
		DEHP	DBP	ВВР	(%)	Allowable Limit (%)
No.10*	Pink rubber (One-horned horse finger puppet) / Purple rubber (One- horned horse finger puppet) / White rubber (One-horned horse finger puppet) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.11*	Silver gray coating (One-horned horse finger puppet, Unicorn hand doll) / Dark purple coating (One-horned horse finger puppet, Unicorn hand doll)/ Pink coating (One-horned horse finger puppet, Unicorn hand doll) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.12*	Red rubber (Dinosaur hand doll) / Green rubber (Dinosaur hand doll) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.13	Red coating (Dinosaur hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.14	White rubber (Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.15	Light blue coating (Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1

Sample Description		Result (%)			Total	Maximum
		DINP	DNOP	DIDP	(%)	Allowable Limit (%)
No.1*	Green rubber(Sticky alien eggs) / Blue rubber(Sticky alien eggs) / Gray rubber(Sticky alien eggs) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.2	Black coating (Sticky alien eggs, Alien squeezing beads, Luminous penguin, Sticky frog, One-horned horse finger puppet, Dinosaur hand doll, Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.3	Transparent rubber(Alien squeezing beads)	N.D.	N.D.	N.D.	N.D.	0.1
No.4*	Pink rubber(Luminous penguin) / Purple rubber(Luminous penguin) / Yellow rubber(Luminous penguin) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.5*	Green rubber(Luminous penguin) / Blue rubber(Luminous penguin) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1





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Sample Description		Result (%)			Total	Maximum
		DINP	DNOP	DIDP	(%)	Allowable Limit (%)
No.6	White coating (Luminous penguin, Sticky frog, One-horned horse finger puppet, Dinosaur hand doll, Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.7	Yellow coating (Luminous penguin, Dinosaur hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.8	Green rubber (Sticky frog)	N.D.	N.D.	N.D.	N.D.	0.1
No.9	Dark green coating (Sticky frog)	N.D.	N.D.	N.D.	N.D.	0.1
No.10*	Pink rubber (One-horned horse finger puppet) / Purple rubber (One- horned horse finger puppet) / White rubber (One-horned horse finger puppet) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.11*	Silver gray coating (One-horned horse finger puppet, Unicorn hand doll) / Dark purple coating (One-horned horse finger puppet, Unicorn hand doll)/ Pink coating (One-horned horse finger puppet, Unicorn hand doll) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.12*	Red rubber (Dinosaur hand doll) / Green rubber (Dinosaur hand doll) (mixed)	N.D.	N.D.	N.D.	N.D.	0.1
No.13	Red coating (Dinosaur hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.14	White rubber (Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1
No.15	Light blue coating (Unicorn hand doll)	N.D.	N.D.	N.D.	N.D.	0.1

Note : 1. N.D.=Not Detected (<MDL)

- 2. The tested part of the sample was specified by client.
- 3.\* The samples was/were analyzed as mixing sample in one testing as applicant's request. The above results was/were only given as the informality value.
- 4. The method detect limit for each Phthalates are:

Method Detect Limit					
Phthalates	DEHP (Di- (2-ethylhexyl)phthalate)	0.005%			
	DBP (Dibutyl phthalate)	0.005%			
	BBP (Benzyl butyl phthalate)	0.005%			
	DINP (Di-isononyl phthalate)	0.005%			
	DNOP (Di-n-octyl phthalate)	0.005%			
	DIDP (Di-isodecyl phthalate)	0.005%			





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### **APPENDIX**

### PHOTO OF THE SUBMITTED SAMPLE(S)



**External view 1** 



**External view 2** 

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# **TEST REPORT**



**External view 3** 



**External view 4** 

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# **TEST REPORT**



**External view 5** 



**External view 6** 

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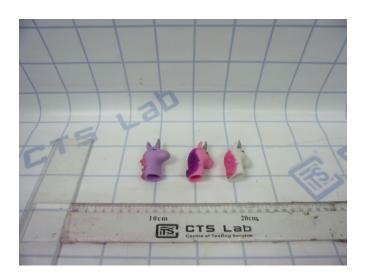
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**External view 7**