



Dongguan EMTEK Co., Ltd.
No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China
www.emtek.com.cn Tel:+86-769-2280 7078 Fax:+86-769-2280 7079

EMTEK
Access to the World

TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

Attn: Terence Ng / Iris Lan / Eva Guo / Elma Xiao

SAMPLE DESCRIPTION:

(The Submitted Sample Said To Be)

Item Name	:	OCTIVITY TIME
Quantity Submitted	:	Twenty(20) pieces of One(1) style
Test Age Group	:	6M+
Labelled Age Group	:	6M+
Style/Item No.	:	LC27206A
Reference No.	:	Not Provided
Date Code	:	A0214WC00
Supplier/Manufacturer	:	Weicheng Toys Manufactory
Country of Origin	:	China
Sample Received Date	:	January 15, 2014
Testing Completed Date	:	January 24, 2014

TEST METHOD & RESULTS : Please refer to next page(s).

CONCLUSION : Please refer to next page.



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

CONCLUSION :

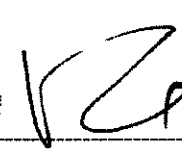
- | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1. | ASTM F963-11 / 16 CFR 1500 Physical & Mechanical Requirements | PASS |
| 2. | ASTM F963-11 / 16 CFR 1500.3 (c) (6) (vi) Flammability Requirements | PASS |
| 3. | ASTM F963-11 Section 4.3.5 Heavy Elements Requirements | PASS |
| 4. | Consumer Product Safety Improvement Act of 2008 Total Lead Content Requirement | PASS |
| 5. | Total Lead Content per client's Specification | PASS |
| 6. | Illinois General Assembly 410 ILCS 45/6: Lead Poisoning Prevention Act | PASS |
| 7. | CPSIA section 103 - Tracking Labels for Children's Products | PASS |
| 8. | 19 C.F.R part 134 - Country of Origin Marking | PASS |
| 9. | Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17,
Physical & Mechanical Requirements | PASS |
| 10. | Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17,
Flammability Requirements | PASS |
| 11. | Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17,
Specific Substances in surface coatings | PASS |
| 12. | EN71-1: 2011 – Physical and Mechanical Requirements | PASS |
| 13. | EN71-2: 2011 – Flammability Requirements | PASS |
| 14. | Phthalates Requirement for toys and childcare articles – The entries 51 & 52 in Annex XVII of
the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009
(Formerly Known As Directive 2005/84/EC) | PASS |
| 15. | Total Phthalates Test : The sum of 8 phthalates as per client's Specification | PASS |

Signed for and on behalf of
Dong Guan EMTEK Co., Ltd.

Signed for and on behalf of
Dong Guan EMTEK Co., Ltd.



Technical Director
Physical & Mechanical Department
January 24, 2014



Technical Director
Chemical Department
January 24, 2014



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS:

1. AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-11 / 16 CFR 1500:
 (A) ASTM F963-11
 (B) 16 CFR

The following clauses are identified to be applicable:

<u>(A)</u>	<u>(B)</u>	<u>Test Items</u>	<u>Assessment</u>
4.1		Material Quality**	Pass
4.5		Sound-Producing Toys	Pass
4.6	1501	Small Objects	
4.6.1		Toys that are intended for children under 36 months of age	Pass
4.7	1500.49	Accessible Edges	Pass
4.9	1500.48	Accessible Points	Pass
4.14		Cords and Elastics in Toys	Pass
4.22		Teethers and Teething Toys	Pass
4.27		Stuffed and Beanbag-Type Toys	Pass
5		Labeling Requirements	
5.2		Age Grading Labeling	Pass
7		Producer's Markings	
7.1		Producer's Markings	Pass
8.5		Normal Use Testing	Pass
8.7	1500.53	Impact Test	Pass
8.8	1500.53	Torque Test	Pass
8.9	1500.53	Tension Test	Pass

** Visual Examination Only



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS:

2. FLAMMABILITY TEST

As per section 4.2 of the ASTM standard consumer safety specification on Toy safety F963-11 / 16 CFR 1500.44 defined under 16 CFR 1500.3 section (c) (6) (vi)

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
LC27206A	0.02	0.1



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS:

3. CHEMICAL TESTS

3.1 Heavy metal content in paint and similar surface coating material: ASTM F963-11 Section 4.3.5.1

Results:

Elements	Total	Soluble							
	Lead	Antimony	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium
Limits	<90	<60	<25	<1000	<75	<60	<90	<60	<500
Sample 1*	<10	—	—	—	—	—	—	—	—

Remark: * =Test specimen less than 10 mg is not required to test the soluble migrated elements according to ASTM F963-11 Section 8.3.3.6.

All concentrations expressed in milligrams per kilogram
 "<" means "less than"

3.2 Heavy metal content in Toy Substrate Materials : ASTM F963-11 Section 4.3.5.2

Results:

Elements	Total	Soluble							
	Lead	Antimony	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium
Limits	<100	<60	<25	<1000	<75	<60	<90	<60	<500
Sample 2	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 3	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 4	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 5	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 6	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 7	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 8	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 9	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 10	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 11	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 12	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 13	<10	<5	<2.5	117	<5	<5	<10	<5	<5
Sample 14	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 16	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 17	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 18	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 19	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 20	<10	<5	<2.5	<5	<5	<5	<10	<5	<5

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at <http://www.emtek.com.cn>. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS:

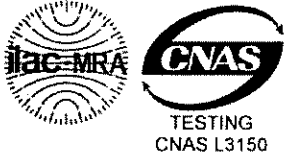
3.2 Heavy metal content in Toy Substrate Materials : ASTM F963-11 Section 4.3.5.2

Results:

Elements	Total	Soluble							
	Lead	Antimony	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium
Limits	<100	<60	<25	<1000	<75	<60	<90	<60	<500
Sample 21	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 22	<10	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 23△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 24△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 25△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 26△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 27△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 28△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 29△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 30△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 31△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 32△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 33△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 34△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 35△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 36△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 37△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 38△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 39△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 40△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 41△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 42△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 43△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 44△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 45△	—	<5	<2.5	<5	<5	<5	<10	<5	<5
Sample 46△	—	<5	<2.5	<5	<5	<5	<10	<5	<5

Remark:△ = This(These) material(s) has (have) neither been treated or adulterated with the addition of materials that could result in the addition of lead, no requirement to test the total lead content according to 16 CFR 1500.91(d).

All concentrations expressed in milligrams per kilogram
 "<" means "less than"



Dongguan EMTEK Co., Ltd.
No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China
www.emtek.com.cn Tel:+86-769-2280 7078 Fax:+86-769-2280 7079



TEST REPORT

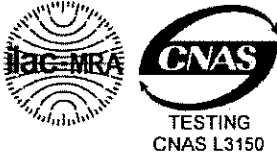
CLIENT : TOMY International, Inc. REPORT NO. : ED140115016C
ADDRESS : Unit 901-7, Tower One, Enterprise Square, DATE : January 24, 2014
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

TEST RESULTS:

3.3 Special cadmium content in metallic toys or metallic toy components : ASTM F963-11 Section 4.3.5.2

Criteria : The submitted samples must meet the Soluble Cadmium Limit of 200 μ g

Remark: After normal use and abuse test, no metallic component(small part) was found.



TEST REPORT

CLIENT : TOMY International, Inc. REPORT NO. : ED140115016C
 ADDRESS : Unit 901-7, Tower One, Enterprise Square, DATE : January 24, 2014
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

TEST RESULTS :

4.1 TOTAL LEAD CONTENT TEST : COATING

Criteria : The submitted samples must meet the Total Lead Limit of 90 ppm as per Consumer Product Safety Improvement Act of 2008

Results :

Total Lead Sample 1
 <10

All concentrations expressed in milligrams per kilogram
 "<" means "less than"

4.2 TOTAL LEAD CONTENT TEST : SUBSTRATE

Criteria : The submitted samples must meet the Total Lead Limit of 100 ppm as per Consumer Product Safety Improvement Act of 2008

Results :

Total Lead	<u>Sample 2</u> <10	<u>Sample 3</u> <10	<u>Sample 4</u> <10	<u>Sample 5</u> <10	<u>Sample 6</u> <10
Total Lead	<u>Sample 7</u> <10	<u>Sample 8</u> <10	<u>Sample 9</u> <10	<u>Sample 10</u> <10	<u>Sample 11</u> <10
Total Lead	<u>Sample 12</u> <10	<u>Sample 13</u> <10	<u>Sample 14</u> <10	<u>Sample 16</u> <10	<u>Sample 17</u> <10
Total Lead	<u>Sample 18</u> <10	<u>Sample 19</u> <10	<u>Sample 20</u> <10	<u>Sample 21</u> <10	<u>Sample 22</u> <10

Remark: = For the test samples No. 23-46, these materials have neither been treated or adulterated with the addition of materials that could result in the addition of lead according to 16 CFR 1500.91(d), no requirement to test the total lead content.

All concentrations expressed in milligrams per kilogram
 "<" means "less than"



TEST REPORT

CLIENT : TOMY International, Inc. REPORT NO. : ED140115016C
 ADDRESS : Unit 901-7, Tower One, Enterprise Square, DATE : January 24, 2014
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

TEST RESULTS :

5.1 TOTAL LEAD CONTENT PER CLIENT'S SPECIFICATION : COATING

Criteria : The submitted samples must meet the Total Lead Limit of 40 ppm in surface coating per client's Specification

Results :

Total Lead Sample 1
 <10

All concentrations expressed in milligrams per kilogram
 "<" means "less than"

5.2 TOTAL LEAD CONTENT PER CLIENT'S SPECIFICATION : SUBSTRATE

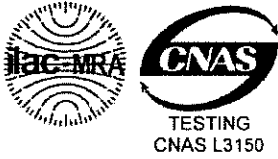
Criteria : The submitted samples must meet the Total Lead Limit of 90 ppm in substrate per client's Specification

Results :

Total Lead	<u>Sample 2</u> <10	<u>Sample 3</u> <10	<u>Sample 4</u> <10	<u>Sample 5</u> <10	<u>Sample 6</u> <10
Total Lead	<u>Sample 7</u> <10	<u>Sample 8</u> <10	<u>Sample 9</u> <10	<u>Sample 10</u> <10	<u>Sample 11</u> <10
Total Lead	<u>Sample 12</u> <10	<u>Sample 13</u> <10	<u>Sample 14</u> <10	<u>Sample 16</u> <10	<u>Sample 17</u> <10
Total Lead	<u>Sample 18</u> <10	<u>Sample 19</u> <10	<u>Sample 20</u> <10	<u>Sample 21</u> <10	<u>Sample 22</u> <10

Remark: = For the test samples No. 23-46, these materials have neither been treated or adulterated with the addition of materials that could result in the addition of lead according to 16 CFR 1500.91(d), no requirement to test the total lead content.

All concentrations expressed in milligrams per kilogram
 "<" means "less than"



TEST REPORT

CLIENT : TOMY International, Inc. REPORT NO. : ED140115016C
ADDRESS : Unit 901-7, Tower One, Enterprise Square, DATE : January 24, 2014
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

TEST RESULTS :

6. TOTAL LEAD CONTENT PER ILLINOIS GENERAL ASSEMBLY 410 ILCS 45/6: LEAD POISONING PREVENTION ACT :

Criteria : The submitted samples must meet the Total Lead Limit of 40 ppm in surface coating per client's Specification

Results :

Total Lead Sample 1
 <10

All concentrations expressed in milligrams per kilogram
" < " means "less than"



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

7. TRACKING LABELS FOR CHILDREN'S PRODUCTS

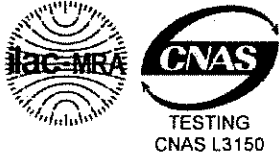
As per consumer product safety improvement act (CPSIA) 2008 section 103 tracking labels for Children's products

Manufacturer or private labeler	TOMY
Location of production on product	WC00
Date of production on product	A0214
Location of date code on product	On the sewn-in label
Location of production on packaging	WC00
Date of production on packaging	A0214
Location of date code on packaging	On the bottom of the open box
Result	The tracking label complied with the requirement of CPSIA 2008 Section 103.

8. COUNTRY OF ORIGIN MARKING

As per 19 C.F.R 134.11 country of origin marking

The country of origin marking (Made in China) was found on the submitted sample & its packaging.



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS:

9. Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17, Physical & Mechanical Requirements.

Mechanical hazards

Section 7 Small Parts Pass
Section 10 Plastic Edges Pass

Auditory Hazards

Section 19 Decibel limit Pass

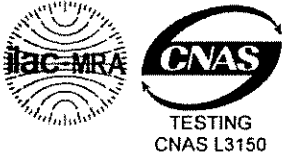
Dolls, Plush Toys and Soft Toys

Section 29 Stuffing Pass
Section 30 Small Parts Pass

10. Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17, Flammability Requirements

Thermal and Flammability Hazards

Section 21 Celluloid or Cellulose Nitrate..... Pass



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS:

11. Canada Consumer Product Safety Act-Toy Regulation: SOR/2011-17, Specific Substances in surface coatings

Section 23 Specific Substances in surface coatings Pass

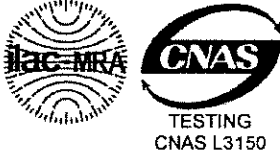
11.1 TOTAL LEAD AND MERCURY CONTENT TEST:

Table with 3 columns: Elements, Total Lead, Total Mercury. Row 1: Limit 90, None. Row 2: Sample 1 <10, <5.

11.2 SOLUBLE MIGRATED ELEMENTS TEST:

Table with 6 columns: Elements, Antimony, Arsenic, Barium, Cadmium, Selenium. Row 1: Limits <1000, <1000, <1000, <1000, <1000. Row 2: Sample 1 <5, <5, <5, <5, <5.

All concentrations expressed in milligrams per kilogram
"<" means "less than"



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS:

12. Mechanical and Physical Properties:
AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 1: 2011

Table with 3 columns: Clause, Test Items, and Assessment. Rows include items like Material Cleanliness, Edges, Points and Metallic Wires, Acoustics, Toys intended for children under 36 months, General Requirements, Small part requirement on toys & removable Components, Torque test, Tension test, Drop test, Impact test, Sharp edge, Sharp point, The casing of toys intended for children too young to sit up unaided, Soft-filled Toys And Soft-filled Parts of a Toy, Cords, chains and electrical cables in toys, Shape and Size of Certain Toys, and Warnings, markings and Instructions for use.



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS:

2. FLAMMABILITY TEST
As Specified in European Standard on Safety of Toys EN71-2:2011

Table with 3 columns: Clause, Test Items, Assessment. Rows include 4.1 General requirements (Pass) and 4.5 Soft-filled toys (Pass (See note)).

Note :
Soft-filled Toys (Clause 4.5)

Table with 2 columns: Sample, Burning Rate (mm/sec). Row: LC27206A, DNI

(Requirement: The rate of spread of flame on the surface of toy shall be not greater than 30 mm/sec)

DNI = Did Not Ignite

The sample were tested before and after being washed according to the method provided by client or the method specified in clause 5.4.1 of EN 71-2:2011.



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS :

14.1 TOTAL PHTHALATE TEST : The entry 51 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009

Test Method : EN 14372:2004(clause 6.3.2), analysis was performed by GC/ MS.
 Requirement : DEHP, DBP & BBP content shall not be more than 0.1% by weight in toys and childcare article.

Results :

Plasticisers	Sample <u>1</u>	Sample <u>2+3+4</u>	Sample <u>5+6+7</u>	Sample <u>8</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected	None detected	None detected	None detected
Di-butyl phthalate (DBP)	None detected	None detected	None detected	None detected
Butyl-benzyl phthalate (BBP)	None detected	None detected	None detected	None detected

Plasticisers	Sample <u>9+10</u>	Sample <u>11</u>	Sample <u>12</u>	Sample <u>13</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected	None detected	None detected	None detected
Di-butyl phthalate (DBP)	None detected	None detected	None detected	None detected
Butyl-benzyl phthalate (BBP)	None detected	None detected	None detected	None detected

Plasticisers	Sample <u>14+15</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected
Di-butyl phthalate (DBP)	None detected
Butyl-benzyl phthalate (BBP)	None detected

Remark : 1. Detection Limit for DEHP/ DBP/ BBP = 0.0030%



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

TEST RESULTS :

14.2 TOTAL PHTHALATE TEST : The entry 52 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009

Test Method : EN 14372:2004(clause 6.3.2), analysis was performed by GC/ MS.
Requirement : DINP, DIDP & DNOP content shall not be more than 0.1% by weight in toys and childcare article which can be placed in the mouth by children.

Results :

Table with 5 columns: Plasticisers, Sample 1, Sample 2+3+4, Sample 5+6+7, Sample 8. Rows include Di-iso-nonyl phthalate (DINP), Di-iso-decyl phthalate (DIDP), and Di-n-octyl phthalate (DNOP), all showing 'None detected'.

Remark : 1. Detection Limit for DNOP = 0.0030%
2. Detection Limit for DINP / DIDP = 0.0050%



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS :

15. TOTAL PHTHALATE TEST : client's Specification

Test Method : EN 14372:2004(clause 6.3.2), analysis was performed by GC/ MS.
 Requirement : Sum of 8P (DEHP+ DBP+ BBP+ DINP+ DIDP+DNOP+DNHP(DnHP)+DIBP)
 Shall not be more than 0.1%
 Results :

<u>Plasticisers</u>	<u>Sample</u> <u>1</u>	<u>Sample</u> <u>2+3+4</u>	<u>Sample</u> <u>5+6+7</u>	<u>Sample</u> <u>8</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected	None detected	None detected	None detected
Di-butyl phthalate (DBP)	None detected	None detected	None detected	None detected
Butyl-benzyl phthalate (BBP)	None detected	None detected	None detected	None detected
Di-iso-nonyl phthalate (DINP)	None detected	None detected	None detected	None detected
Di-iso-decyl phthalate (DIDP)	None detected	None detected	None detected	None detected
Di-n-octyl phthalate (DNOP)	None detected	None detected	None detected	None detected
Di-n-hexyl phthalate (DNHP)	None detected	None detected	None detected	None detected
Diisobutyl phthalate(DIBP)	None detected	None detected	None detected	None detected
Sum of 8P	None detected	None detected	None detected	None detected

<u>Plasticisers</u>	<u>Sample</u> <u>9+10</u>	<u>Sample</u> <u>11</u>	<u>Sample</u> <u>12</u>	<u>Sample</u> <u>13</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected	None detected	None detected	None detected
Di-butyl phthalate (DBP)	None detected	None detected	None detected	None detected
Butyl-benzyl phthalate (BBP)	None detected	None detected	None detected	None detected
Di-iso-nonyl phthalate (DINP)	None detected	None detected	None detected	None detected
Di-iso-decyl phthalate (DIDP)	None detected	None detected	None detected	None detected
Di-n-octyl phthalate (DNOP)	None detected	None detected	None detected	None detected
Di-n-hexyl phthalate (DNHP)	None detected	None detected	None detected	None detected
Diisobutyl phthalate(DIBP)	None detected	None detected	None detected	None detected
Sum of 8P	None detected	None detected	None detected	None detected

Remark : 1. Detection Limit for DEHP/ DBP/ BBP/ DNOP/DNHP/DIBP= 0.0030%
 2. Detection Limit for DINP / DIDP = 0.0050%



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

TEST RESULTS :

15. TOTAL PHTHALATE TEST : client's Specification

Test Method : EN 14372:2004(clause 6.3.2), analysis was performed by GC/ MS.
 Requirement : Sum of 8P (DEHP+ DBP+ BBP+ DINP+ DIDP+DNOP+DNHP(DnHP))+DIBP)
 Shall not be more than 0.1%
 Results :

<u>Plasticisers</u>	<u>Sample</u> <u>14+15</u>
Di-(2-ethyl-hexyl) phthalate (DEHP)	None detected
Di-butyl phthalate (DBP)	None detected
Butyl-benzyl phthalate (BBP)	None detected
Di-iso-nonyl phthalate (DINP)	None detected
Di-iso-decyl phthalate (DIDP)	None detected
Di-n-octyl phthalate (DNOP)	None detected
Di-n-hexyl phthalate (DNHP)	None detected
Diisobutyl phthalate(DIBP)	None detected
Sum of 8P	None detected

Remark : 1. Detection Limit for DEHP/ DBP/ BBP/ DNOP/DNHP/DIBP= 0.0030%
 2. Detection Limit for DINP / DIDP = 0.0050%



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

SAMPLE LIST:

Sample	Sample description
1*	Coating (yellow, white, black) on plastic (face of starfish)
2	Transparent hard plastic (hook of velcro)
3	Light green hard plastic (face of starfish)
4	Purple hard plastic (face of starfish)
5	Bright light green hard plastic (ring)
6	Bright cyan hard plastic (ring)
7	Transparent hard plastic with impalpable coating (mirror)
8	Orange soft plastic (teether)
9	Transparent soft plastic (whistle, inner)
10	Translucent hard plastic (whistle, inner)
11	White soft plastic (filler)
12	Transparent plastic film (crinkle paper)
13	White elastic (inner of hook)
14	Beige hard plastic (cable tie, inner of starfish)
15	White hard plastic (washer, inner of starfish)
16	Multicolor stripe fabric (base)
17	Light green fabric with yellow / matt green printing (leg)
18	Purple fabric with light purple stripe (leg)
19	White fabric with black printing (base / hook)
20	Orange fabric with yellow/red / light orange printing (leg)
21	Red satin with pink / light red / grey / yellow printing (leg)
22	White satin with multicolor printing (label)
23	Light blue plush (head)
24	Black / white embroidery (eyes / mouth)
25	Red ribbon (head / leg)
26	Light yellow ribbon (head / leg)
27	Light green ribbon (head / leg)
28	Fuchsia ribbon (head)
29	Orange brushed tricot (leg)
30	Light blue brushed tricot (leg)
31	Yellow brushed tricot (leg)
32	Beige / cyan / light green stripe knitted wool (leg)
33	Light green brushed tricot (leg)
34	Cyan brushed tricot (leg)
35	Light blue fabric (base of starfish)
36	Cyan plush (leg)
37	Orange fabric (ribbon of leg)



TEST REPORT

CLIENT : TOMY International, Inc.
 ADDRESS : Unit 901-7, Tower One, Enterprise Square,
 9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
 DATE : January 24, 2014

SAMPLE LIST:

Sample	Sample description
38	Light blue fabric (ribbon of leg)
39	Purple brushed tricot (leg)
40	Yellow corduroy (leg)
41	Pink brushed tricot (leg)
42	Red brushed tricot (leg)
43	White plush (leg)
44	White brushed tricot (base)
45	White satin with multicolor embroidery (trade mark)
46	White fabric (inner of leg)

Remark: As requested by client, the composite test was performed for the phthalates testing of the submitted sample.



Dongguan EMTEK Co., Ltd.
No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China
www.emtek.com.cn Tel:+86-769-2280 7078 Fax:+86-769-2280 7079



TEST REPORT

CLIENT : TOMY International, Inc.
ADDRESS : Unit 901-7, Tower One, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay, Kowloon, H.K.

REPORT NO. : ED140115016C
DATE : January 24, 2014

Product Photo



* * * * * The End * * * * *