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The results relate only to the item tested.

TEST REPORT

Number: BKKH17004599

Applicant: BALLS R US CO., LTD.
NO. 3/6 MOO 9, PHUTHAMONTHON 7 RD., TATALARD,
SAMPRAN, NAKORNPATHOM 73110 THAILAND
ATTN: K.PEI-YU

Date: Apr 21, 2017

Sample Submitted:

Quantity of sample: One (1) set
Sample description: Vinyl toy
Date sample received: April 18, 2017

Client Information:

Item Name: Vinyl Molded, Hopper Ball, Jumping Ball, Inflatable Dice, Edu Dice, Poly Dice, Stability Pad, Weighted Pad, Disc, Balance Trainer, Inflatable Ring, Throwing Ring, Hand Held Whistle, Sensory Ball, Porcupine Ball, Reaction Ball, Massage Ball, Massage Grip, Roll, Bean Bag, Vegetable Bean Bag, Animal Bean Bag, Playground Ball, PG Ball, Easy Grip Ball, Bear Print Ball, Dimple Soccerball, Spiky Ball, Spiky Football, Soccerball, Rugby, Football, Basketball, Volleyball, Baseball, Softball, Handball, Bowling Ball, Golf Ball, Dimple Ball, All Ball, Blow Ball, Bump Ball, Funny Face Ball, Fruit Face Ball, Emo Ball, Aniballs, Spray Ball, Beach Ball, Bead Ball, Hedgehog Stone, Dome, Base, Cricket Ball, Lacrosse Ball, Croquet Ball, Hockey Ball, Hockey Puck, Lolo Ball, Poly Ball, Juggling Ball, Moonhopper, Indoor Shot, Tetherball, Starball, Catch Ball, Comet Ball, Tail Ball, Pyramid Ball, Spiky Pyramid Ball, Javelin Ball, Hammer, Throwing Ball, Medicine Ball, Gym Ball, Exercise Ball, Stool Ball, Peanut Ball, Cannon Launch, Cannon Catch, Stomper, Discus, Turtle, Octopus Seal, Whale, Blowfish, Train, Car, Plane, Fruit Bean Bag, Transportation Set, Food Set, Inflatable Air Bag, Boccia, Senso Reaction Ball, Texture Ball, Animal Kingdom, Hex Ball, Dodgeball, Stepping Stone, Teether Ball, Thera Ball, Fit Pad, Squishy Ball, Wiggle Ball, Golf Ball, Flying Disc
Supplier: BALLS R US CO., LTD.
Label Age grading: All Age
Goods Exported to: WORLDWIDE
Country of origin: THAILAND

To be continued

Authorized by :
For Intertek Testing Services (Thailand) Ltd.,
Hardlines Laboratory

Ladtaka Wongwiboonporn
Laboratory Manager
Hardlines Department

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Test conducted:

As requested by the applicant, for details please refer to attached page(s)

Conclusion:

| <u>Tested samples</u> | <u>Standard</u> | <u>Result</u> |
|-----------------------|---|---------------|
| Submitted samples | U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040) Title I, Section 101 for total Lead Content in Non-surface coating material (substrate) | Pass |
| | U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 for Phthalate content | Pass |
| | California Proposition 65 for Toys (designed for or reasonable used by children under six years of age)/ Consent judgment no. BG-350969/RG-356892 - Phthalate content | Pass |
| | Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) | Pass |



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Test conducted:

- 1 Total Lead (Pb) Content in Substrate Material- Non- Metal Children's Product
As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1002-08.3:2012 method was used and total Lead content was determined by ICP-OES analysis.

| <u>Tested component</u> | <u>Result</u> <u>(mg/kg)</u> | <u>LOD</u> <u>(mg/kg)</u> | <u>LOQ</u> <u>(mg/kg)</u> | <u>Limit</u> <u>(mg/kg)</u> |
|-------------------------|---------------------------------|------------------------------|------------------------------|--------------------------------|
| (1) | ND | 1 | 13 | 100 |
| (2) | ND | 1 | 13 | 100 |

Remark: mg/kg = Milligram per kilogram = ppm
 < = Less than
 ND = Not detected (Less than LOD)
 LOD = Limit of Detection
 LOQ = Limit of Quantitation

Tested components:
 (1) = Red/Orange/Yellow vinyl
 (2) = Green/ Blue/ Purple vinyl

Remark : As requested by the applicant, total lead content test was conducted only on components listed in this report. Other components were not tested.

Testing period: April 18, 2017 to April 20, 2017



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Test conducted:

2 Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3:2010 was used and phthalate content was determined by GC-MS analysis.

| | <u>Result</u> | | <u>LOD</u> | <u>LOQ</u> | <u>Limit</u> |
|--------------------------------|-----------------|-----|----------------|----------------|-----------------|
| | <u>(%, w/w)</u> | | <u>(%,w/w)</u> | <u>(%,w/w)</u> | <u>(%, w/w)</u> |
| | (1) | (2) | | | |
| Dibutyl Phthalate (DBP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Diethyl hexyl Phthalate (DEHP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Benzyl butyl Phthalate (BBP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Di-iso-nonyl Phthalate (DINP) | ND | ND | 0.0015 | 0.0090 | 0.1 |
| Dioctyl Phthalate (DNOP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Di-iso-decyl Phthalate (DIDP) | ND | ND | 0.0015 | 0.0090 | 0.1 |

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

As requested by the applicant, phthalate content test was conducted only on components listed in this report. Other components were not tested.

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

Tested Components :

(1) = Red/Orange/Yellow vinyl

(2) = Green/ Blue/ Purple vinyl

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Test conducted:

3 Phthalate Content Test

Test method: CPSC-CH-C1001-09.3:2010, Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

| <u>Compound</u> | <u>Result (%. w/w)</u> | | <u>LOD</u> | <u>LOQ</u> | <u>Limit (%. w/w)</u> (max.) |
|--|------------------------|-----|------------|------------|---------------------------------|
| | (1) | (2) | | | |
| Dibutyl phthalate (DBP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Diethyl hexyl phthalate (DEHP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Benzyl butyl phthalate (BBP) | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Diisodecyl phthalate (DIDP) | ND | ND | 0.0015 | 0.0090 | 0.1 |
| Di-n-hexyl phthalate (DnHP) [▲] | ND | ND | 0.0015 | 0.0030 | 0.1 |
| Diisononyl phthalate (DINP) | ND | ND | 0.0015 | 0.0090 | -- |

Remark : The above limit was quoted from the Consent Judgment no. BG-350969 / RG-356892 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) based on the California Proposition 65.
As requested by the applicant, phthalate content test was conducted only on components listed in this report. Other components were not tested.
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:
(1) = Red/Orange/Yellow vinyl
(2) = Green/ Blue/ Purple vinyl

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Test conducted:

4 Phthalate Content Test

With reference to EN14372:2004, clause 5.4.2.3 and Phthalate content was determined by GC-MS analysis.

| | <u>Result (% w/w)</u> | | <u>LOD</u> | <u>LOQ</u> | <u>Limit (% w/w)</u> |
|--------------------------------|-----------------------|-----|------------|------------|----------------------|
| | (1) | (2) | (% w/w) | (% w/w) | (max.) |
| Dibutyl phthalate (DBP) | ND | ND | 0.0015 | 0.0025 | -- |
| Diethyl hexyl phthalate (DEHP) | ND | ND | 0.0015 | 0.0025 | -- |
| Benzyl butyl phthalate (BBP) | ND | ND | 0.0015 | 0.0025 | -- |
| Sum of DBP,DEHP & BBP | ND | ND | 0.0015 | 0.0025 | 0.1 |
| Di-iso-nonyl phthalate (DINP) | ND | ND | 0.0015 | 0.0025 | -- |
| Di-n-octyl phthalate (DNOP) | ND | ND | 0.0015 | 0.0025 | -- |
| Di-iso-decyl phthalate (DIDP) | ND | ND | 0.0015 | 0.0025 | -- |
| Sum of DINP,DNOP & DIDP | ND | ND | 0.0015 | 0.0025 | 0.1 |

Remark : The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) for phthalate content in toys and childcare articles.
As requested by the applicant, phthalate content test was conducted only on components listed in this report. Other components were not tested.
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components :
(1) = Red/Orange/Yellow vinyl
(2) = Green/ Blue/ Purple vinyl

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