

PHOTO



ORIGINAL SAMPLE

APPLICANT: MAYA ORGANIC INDIA PVT. LTD.
NO. 25/1-4, 9TH CROSS
MARENAHALLIPALYA, JP NAGAR
2ND PHASE, BANGALORE - 560078

ATTN: **Mr. MURALI**

SAMPLE DESCRIPTION: THE SUBMITTED SAMPLE SAID TO BE - DUBY DUCK

NO. OF SAMPLE : 04 Pcs.
DATE RECEIVED : 26TH OCTOBER, 2007
BUYER : GLOBAL PACIFIC PARTNERS LLC
BUYING AGENT : --
ORDER NO. : --
STYLE NO. : --
COLOUR : MULTI
END USE : TOY FOR 2+ YEARS AGE CHILDREN
MANUFACTURER'S NAME : MAYA ORGANIC INDIA PVT. LTD.

TESTS CONDUCTED: AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGES.

CONCLUSION:

| TESTED SAMPLE | TEST CONDUCTED | RESULT |
|------------------|---|---------------------|
| SUBMITTED SAMPLE | FLAMMABILITY TEST (ASTM F963-07 / 16 CFR 1500.44) | M |
| | PHYSICAL & MECHANICAL TESTS (ASTM F963-07) | M |
| | HEAVY METALS ANALYSIS (ASTM F963-07) | M (See Remark-2) |
| | LEAD IN SURFACE COATING (ASTM F963-07 / 16 CFR 1303) | M (See-Remark-1) |

NOTE: M = MEET CLIENT'S REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT

= NO SPECIFIED REQUIREMENT

N/A = NOT APPLICABLE

EXECUTIVE SUMMARY: THE SUBMITTED SAMPLE EXHIBITS **SATISFACTORY** PERFORMANCE IN PERFORMED TESTS.

REMARK:

1. THE TEST-REPORT NO. DDH/2007/2565 DATED 30TH OCTOBER, 2007 HAS BEEN REVISED TO REPLACE THE COLOR DESCRIPTION OF DARK GREEN WITH DARK BLUE IN LEAD TEST DATA, AS PER THE REQUEST OF APPLICANT.
2. AS PER VENDOR, SAME RED, LIGHT GREEN, **DARK BLUE** & YELLOW COLOR SURFACE COATING HAS BEEN USED ON SAMPLE TESTED UNDER REPORT NO. DDE/2007/2504, THEREFORE RESULTS OF LEAD IN SURFACE COATING HAVE BEEN INCORPORATED FROM REPORT NO. DDE/2007/2504.
3. AS PER VENDOR, SAME COLORS & STRING HAVE BEEN TESTED UNDER REPORT DDE/2007/2504 FOR HEAVY METAL ANALYSIS TEST; THEREFORE RESULT OF HEAVY METAL ANALYSIS TEST ON COATING & STRING HAS BEEN INCORPORATED FROM REPORT NO. DDE/2007/2504.

PREPARED & CHECKED BY:
for INTERTEK TESTING SERVICES, INDIA



PARVIN MORE
ASST. MANAGER-CHEMICAL & HARDLINE LAB



TEST REPORT

NUMBER : DDH/2007/2565 REV.1
DATE : 06TH MAY, 2008

TESTS CONDUCTED:

| TEST SPEC. | TEST METHOD | REQUIREMENT | RESULT |
|---|--|---|---|
| Flammability of solids | ASTM F963-07e1, Section 4.2 & Annex A4 / 16 CFR 1500.44 | Burn rate \leq 0.10 inch/s. along the major axis of the toy, accept. Burn rate $>$ 0.10 inch/s. but $<$ 0.15 inch/s. along the major axis of the toy, accept but further investigation for improving performance should be considered. Exempt Kite. | Pass (Wooden Parts: Did not Ignite String: N/A) |
| *Lead Content in Paint and Similar Surface Coating Materials | ASTM F963-07e1, Section 4.3.5.1 / 16 CFR 1303 | Paint and other similar surface-coating materials applied to toys shall not contain lead or lead compounds in which the lead content is in excess of 0.06% (600ppm) of the weight of the total content. In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional samples or parts for testing. | Pass (See Data-1) (See Remark-1) |
| * Soluble heavy metals content in Paint and Similar Surface Coating Materials | ASTM F963-07e1, Section 4.3.5.2 / 8.3 | Paint and other similar surface-coating materials applied to toys shall not contain compounds of which the metal content of the <i>soluble</i> material exceeds the levels by weight (mg/kg) of the contained solid including pigments, film solids and driers [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500] | Pass (See Data-2) (See Remark-2) |
| Small Objects | ASTM F963-07e1, Section 4.6.1 / 16 CFR 1501 | Toys intended for children under 36 months (3 years) of age shall not include removable, liberated components, or fragments of toys before or after use and abuse that are small enough (without being compressed) to fit entirely within the small parts cylinder. | Pass |
| Accessible Edges | ASTM F963-07e1, Section 4.7 / 16 CFR 1500.49 | Toys intended for children under 8 years of age shall not have accessible, potentially hazardous sharp edges before or after use and abuse testing | Pass (No Accessible Sharp edges observed) |
| Projections | ASTM F963-07e1, Section 4.8 | Toys intended for children under 8 years of age shall not have accessible, potentially hazardous projections before or after use and abuse testing | Pass |
| Accessible Points | ASTM F963-07e1, Section 4.9.3 / 16 CFR 1500.48 | Toys intended for children under 8 years of age shall not have accessible, potentially hazardous sharp points before or after use and abuse testing | Pass (No Accessible Sharp points observed) |
| Pull Toys | ASTM F963-07e1, Section 4.14.3 | Toys intended for children under 36 months (3 years) of age with cords or elastics greater than 12 in (300 mm) shall not be provided with attachments that could tangle to form a loop | Pass (Cord Length $>$ 12In. & Loop formed did not allow the passage of Head Probe) |
| Stability and Overload | ASTM F963-07e1, Section 4.15 / 8.16 & 8.21 | Shall meet the requirements intended to minimize unexpected hazards that can be caused by a toy that can tip easily or unexpected hazards that could be caused by a toy that is not capable of withstanding an overload. | N/A (Not A Ride-on Toy) |



TEST REPORT

NUMBER : DDH/2007/2565 REV.1
DATE : 06TH MAY, 2008

| TEST SPEC. | TEST METHOD | REQUIREMENT | RESULT |
|--|--|---|--------|
| Wheels, Tires and Axles | ASTM F963-07e1, Section 4.17 | Shall meet the requirements intended to eliminate the possibility of ingestion, laceration, and puncture hazards that may be caused by the separation of associated assemblies | Pass |
| Holes, Clearances, and Accessibility of Mechanisms | ASTM F963-07e1, Section 4.18 | Shall meet the requirements intended to eliminate the possible hazard that may be caused by changing clearances or permanent entrapment and pinching of fixed openings | Pass |
| Teethers and Teething Toys | ASTM F963-07e1, Section 4.22 / 16 CFR 1510 | Samples shall meet the dimensional requirements for rattles with reference to 16 CFR 1510 | N/A |
| Rattles | ASTM F963-07e1, Section 4.23 / 16 CFR 1510 | Samples shall meet the safety requirements as specified in 16 CFR 1510 | N/A |
| Impact / Drop Test | ASTM F963-07e1, Section 8.7 | Shall meet the requirements given below for different age group of children: For 0-18 months: withstand 10 drops at 4.5 Ft. height 18-36 months: withstand 4 drops at 3.0 Ft. heights. 36-96 months: withstand 4 drops at 3.0 Ft. heights. | Pass |
| Tension Test for removal of components | ASTM F963-07e1, Section 8.9 | Shall meet the requirements given below for different age group of children: For 0-18 months: withstand a minimum of 10 lbs. Load. 18-36 months: withstand a minimum of 15 lbs. Load. 36-96 months: withstand a minimum of 15 lbs. Load. | Pass |
| Torque Test for removal of components | ASTM F963-07e1, Section 8.8 | Shall meet the requirements given below for different age group of children: For 0-18 months: withstand a minimum of 2 in.lbs. torque. 18-36 months: withstand a minimum of 3 in.lbs. torque. 36-96 months: withstand a minimum of 4 in.lbs. torque. | Pass |
| Compression Test | ASTM F963-07e1, Section 8.10 | Shall meet the requirements given below for different age group of children: For 0-18 months: withstand a minimum of 20 lbs. Load. 18-36 months: withstand a minimum of 25 lbs. Load. 36-96 months: withstand a minimum of 30 lbs. Load. | Pass |

REMARK: N/A = NOT APPLICABLE



TEST REPORT

NUMBER : DDH/2007/2565 REV.1
DATE : 06TH MAY, 2008

TESTS CONDUCTED

DATA-1

LEAD IN SURFACE COATING:

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE ASTM E 1645 / 1613, 16 CFR PART 1303, ACID DIGESTION METHOD WAS USED AND LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED PLASMA (I C P).

| <u>TESTED COMPONENT</u> | <u>RESULTS</u> | <u>REQUIREMENT</u> |
|--------------------------------|--|---|
| RED COLOR COATING | COMPLIES < 0.001% (< 10 PPM) | SHALL NOT EXCEED 600-PPM (0.06% BY WEIGHT) TOTAL LEAD. |
| DARK BLUE COLOR COATING | COMPLIES < 0.001% (< 10 PPM) | |
| LIGHT GREEN COLOR COATING | COMPLIES 0.0016% (15.92 PPM) | |
| YELLOW COLOR COATING | COMPLIES < 0.001% (< 10 PPM) | |
| CREAM COLOR WOOD | NO SURFACE COATING DETECTED | |

REMARK: < = LESS THAN, PPM: PARTS PER MILLION

DATA-2

SOLUBLE HEAVY METAL ANALYSIS:

(I) COATING

AS PER AMERICAN STANDARD ON SAFETY OF TOYS ASTM F963-07, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED PLASMA SPECTROMERTY.

| <u>ELEMENTS</u> | <u>RESULT IN mg/kg</u> | <u>LIMIT IN mg/kg</u> |
|--------------------|------------------------|-----------------------|
| SOL. BARIUM (Ba) | 14.56 | 1000 |
| SOL. LEAD (Pb) | < 2 | 90 |
| SOL. CADMIUM (Cd) | < 2 | 75 |
| SOL. ANTIMONY (Sb) | < 2 | 60 |
| SOL. SELENIUM (Se) | < 2 | 500 |
| SOL. CHROMIUM (Cr) | < 2 | 60 |
| SOL. MERCURY (Hg) | < 2 | 60 |
| SOL. ARSENIC (As) | < 2 | 25 |

SOL. = SOLUBLE
< = LESS THAN
mg/kg = MILLIGRAM PER KILOGRAM



TEST REPORT

NUMBER : DDH/2007/2565 REV.1
DATE : 06TH MAY, 2008

(II) STRING

AS PER AMERICAN STANDARD ON SAFETY OF TOYS ASTM F963-07, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED PLASMA SPECTROMERTY.

| <u>ELEMENTS</u> | <u>RESULT IN mg/kg</u> | <u>LIMIT IN mg/kg</u> |
|--------------------|------------------------|-----------------------|
| SOL. BARIUM (Ba) | 7.49 | 1000 |
| SOL. LEAD (Pb) | < 2 | 90 |
| SOL. CADMIUM (Cd) | < 2 | 75 |
| SOL. ANTIMONY (Sb) | < 2 | 60 |
| SOL. SELENIUM (Se) | < 2 | 500 |
| SOL. CHROMIUM (Cr) | < 2 | 60 |
| SOL. MERCURY (Hg) | < 2 | 60 |
| SOL. ARSENIC (As) | < 2 | 25 |

SOL. = SOLUBLE
< = LESS THAN
mg/kg = MILLIGRAM PER KILOGRAM

THE ANALYTICAL RESULTS WERE ADJUSTED BY SUBTRACTING ANALYTICAL CORRECTION FACTOR.

END OF TEST REPORT