

TEST REPORT

APPLICANT : CSP INC
ADDRESS : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA
SAMPLE DESCRIPTION : MULTI-COLOR MOLDING CLAY
STYLE / ITEM NO. : K4-501
BUYER : KIDS' KORNER
AGE REQUESTED ON APPLICATION FORM : 3+
LABELED AGE GRADE : NOT FOR CHILDREN UNDER 3 YEARS
AGE GRADE APPLIED IN TESTING : OVER 3 YEARS
SAMPLE RECEIVED DATE : MAY 13, 2015
TEST PERIOD : MAY 13, 2015 TO JUN. 03, 2015
RESULT SUMMARY : PLEASE REFER TO NEXT PAGE(S).

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.



Jamie Zhang
Toys Testing Engineer



Harry Chen
Assistant Lab Manager



Coco Luo
Assistant Lab Manager



This test report is valid for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
This test report does not entitle to carry any safety mark on this or similar products.

RESULT SUMMARY:

| TEST REQUESTED | RESULT |
|--|-------------------------------|
| - In accordance with ASTM F963-11 Standard Consumer Safety Specification for Toy Safety: | - |
| Physical and Mechanical Test | PASS |
| Flammability Test | PASS |
| Total Lead Content and Migration of Certain Elements | PASS |
| - Total Lead Content according to US Consumer Product Safety Improvement Act 2008 (CPSIA). | PASS |
| - Phthalates according to US Consumer Product Safety Improvement Act 2008 (CPSIA). | PASS |
| - Phthalates according to US California Proposition 65 and Assembly Bill AB 1108. | PASS |
| - As specified by client, to determine the microbial tests in the submitted sample. | Please refer to next page(s). |

TO BE CONTINUED

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4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
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ASTM F963-11, Standard Consumer Safety Specification for Toy Safety

| Section | Requirement | Result |
|---------|---|--------|
| 4 | Safety Requirements | |
| 4.1 | Material Quality | P |
| 4.2 | Flammability | P |
| 4.3 | Toxicology | |
| 4.3.1 | Hazardous Substances | N/A |
| 4.3.2 | Manufacturing and Packaging of Food | N/A |
| 4.3.3 | Indirect Food Additives | N/A |
| 4.3.4 | Cosmetics | N/A |
| 4.3.5 | Total Lead Content and Migration of Certain Elements Test (See data table for detailed results.) | P |
| 4.3.6 | Cosmetics, Liquids, Pastes, Putties, Gels, and Powders | N/A |
| 4.3.7 | Stuffing Materials(Visual Inspection) | N/A |
| 4.3.8 | DEHP(DOP) | N/A |
| 4.4 | Electrical/Thermal Energy | N/A |
| 4.5 | Sound-Producing Toys | N/A |
| 4.6 | Small Objects | P |
| 4.7 | Accessible Edges | P |
| 4.8 | Projections | N/A |
| 4.9 | Accessible Points | P |
| 4.10 | Wires or Rods | N/A |
| 4.11 | Nails and Fasteners | N/A |
| 4.12 | Plastic Film | N/A |
| 4.13 | Folding Mechanisms and Hings | |
| 4.13.1 | Folding Mechanisms | N/A |
| 4.13.2 | Hing-Line Clearance | N/A |
| 4.14 | Cords, Straps, and Elastics | |
| 4.14.1 | Cords, Straps, and Elastics in Toys | N/A |
| 4.14.2 | Self Retracting Pull Cords | N/A |

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| Section | Requirement | Result |
|---------|--|--------|
| 4.14.3 | Pull Toys | N/A |
| 4.14.4 | Strings and Lines for Flying Devices | N/A |
| 4.14.5 | Cords on Toy Bags Intended for Children Up to 18 Months | N/A |
| 4.15 | Stability and Over-Load Requirements | |
| 4.15.1 | Stability of Ride-On Toys and Toy Seats | N/A |
| 4.15.2 | Sideways Stability Requirements | N/A |
| 4.15.3 | Fore and Aft Stability | N/A |
| 4.15.4 | Stability of Stationary Floor Toys | N/A |
| 4.15.5 | Overload Requirements for Ride-On Toys and Toy Seats | N/A |
| 4.15.6 | Wheeled Ride-On Toys | N/A |
| 4.16 | Confined Spaces | |
| 4.16.1 | Ventilation | N/A |
| 4.16.2 | Closures | N/A |
| 4.16.3 | Toys that Enclose the Head | N/A |
| 4.17 | Wheels, Tires, and Axles | N/A |
| 4.18 | Holes, Clearance, and Accessibility of Mechanisms | |
| 4.18.1 | Accessible Clearances for Moveable Segments | N/A |
| 4.18.2 | Circular Holes in Rigid Materials | N/A |
| 4.18.3 | Chains and Belts | N/A |
| 4.18.4 | Inaccessibility of Mechanisms | N/A |
| 4.18.5 | Winding Keys | N/A |
| 4.18.6 | Coil Springs | N/A |
| 4.19 | Simulated Protective Devices(such as helmets, hats, and goggles) | N/A |
| 4.20 | Pacifiers | N/A |
| 4.20.1 | Pacifiers Nitrosamine Content | N/A |
| 4.21 | Projectile Toys | N/A |
| 4.22 | Teethers and Teething Toys | N/A |
| 4.23 | Rattles | N/A |
| 4.24 | Squeeze Toys | N/A |

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| Section | Requirement | Result |
|---------|---|--------|
| 4.25 | Battery-Operated Toys | N/A |
| 4.25.10 | Battery-Powered Ride-On Toys | N/A |
| 4.26 | Toys Intended to be Attached to a Crib or Playpen | N/A |
| 4.27 | Stuffed and Beanbag-Type Toys | N/A |
| 4.28 | Stroller and Carriage Toys | N/A |
| 4.29 | Art Materials (Label review only) | P |
| 4.30 | Toy Gun Marking | N/A |
| 4.31 | Balloons | N/A |
| 4.32 | Certain Toys with Spherical Ends | N/A |
| 4.33 | Marbles | N/A |
| 4.34 | Balls | N/A |
| 4.35 | Pompoms | N/A |
| 4.36 | Hemispheric-Shaped Objects | N/A |
| 4.37 | Yo Yo Elastic Tether Toys | N/A |
| 4.38 | Magnets | N/A |
| 4.39 | Jaw Entrapment in Handles and Steering Wheels | N/A |
| 5 | Labeling Requirements | |
| 5.2 | Age Grading Labeling | N/A |
| 5.3 | Safety Labeling Requirements | N/A |
| 5.4 | Aquatic Toys | N/A |
| 5.5 | Crib and Playpen Toys | N/A |
| 5.6 | Mobiles | N/A |
| 5.7 | Stroller and Carriage Toys | N/A |
| 5.8 | Toys Intended to be Assembled By and Adult | N/A |
| 5.9 | Simulated Protective Devices | N/A |
| 5.10 | Toys with Functional Sharp Edges or Points | N/A |
| 5.11 | Small Objects, Small Balls, Marbles, and Balloons | P |
| 5.12 | Toy Caps | N/A |

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| Section | Requirement | Result |
|---------|--|--------|
| 5.13 | Art Materials | P |
| 5.14 | Electric Toys | N/A |
| 5.15 | Battery-Operated Toys | N/A |
| 5.16 | Promotional Materials | P |
| 5.17 | Magnets | N/A |
| 6 | Instructional Literature | |
| 6.1 | Definition and Description | P |
| 6.2 | Crib and Playpen Toys | N/A |
| 6.3 | Mobiles | N/A |
| 6.4 | Toys Intended to be Assembled By a Adult | N/A |
| 6.5 | Battery-Operated Toys | N/A |
| 6.6 | Toys in Contact with Food | N/A |
| 7 | Producer's Markings | |
| 7.1 | Producer's Markings | P |
| 7.2 | Battery-Powered Ride-on Toys | N/A |
| 8 | Test methods | |
| 8.5 | Normal Use Testing | P |
| 8.7.1 | Drop Test | P |
| 8.7.2 | Tipover Test for Large, Bulky Toys | N/A |
| 8.7.3 | Tumble Test for Wheeled Toys | N/A |
| 8.7.4 | Impact Test for Toys that Cover the Face | N/A |
| 8.8 | Torque Tests for Removal of Components | P |
| 8.9 | Tension Test for Removed of Components | P |
| 8.9.1 | Tension Test for Seams in Stuffed Toys and Beanbag Type Toys | N/A |
| 8.10 | Compression Test | N/A |
| 8.11 | Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal | N/A |
| 8.12 | Flexure Test | N/A |
| 8.13 | Test for Mouth-Actuated Toys | N/A |

Note: P = Pass N/A = Not Applicable

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Material list

| Testing material No. | Component | Material | Colour |
|----------------------|--------------|----------|------------------|
| 1 | Bottle | Plastic | Semi-transparent |
| 2 | Bottle | Plastic | Yellow |
| 3 | Molding clay | Clay | Blue |
| 4 | Molding clay | Clay | Green |
| 5 | Molding clay | Clay | Orange |

ASTM F963-11 4.3.5.2(2)(a), Total Lead Content in Accessible Component Parts

Test method : CPSC-CH-E1002-08.3
 The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : 100 mg/kg – according to ASTM F963-11 Standard Consumer Safety Specification for Toy Safety.

Detection Limit : 10 mg/kg

| Test No. | Material No. | Test result (mg/kg) |
|----------|--------------|---------------------|
| Pb-1 | 1 | N.D. |
| Pb-2 | 2 | N.D. |
| Pb-3 | 3 | N.D. |
| Pb-4 | 4 | N.D. |
| Pb-5 | 5 | N.D. |

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

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ASTM F963-11 4.3.5.2(2)(b), Migration of Certain Elements in Accessible Component Parts

Test method : As per ASTM F963-11, soluble toxic element contents are determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Detection limit : 2.5 mg/kg for each of the 8 soluble toxic elements

| Test No. | Material No. | Testing element | | | | | | | | |
|---------------------|--------------|-----------------|------|------|------|------|------|------|------|------|
| | | As | Ba | Cd | Cr | Hg | Pb | Sb | Se | |
| | | Limit (mg/kg) | | | | | | | | |
| | | 25 | 1000 | 75 | 60 | 60 | 90 | 60 | 500 | |
| Test result (mg/kg) | | | | | | | | | | |
| No. 1 | 4 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

Total Lead Content (CPSIA)

Test method : CPSC-CH-E1002-08.3
The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : For surface coating materials: 90 ppm
For non-surface coating (substrate): 100 ppm
- according to US Consumer Product Safety Improvement Act 2008 (CPSIA Sec.101).

Detection limit : 10 ppm

| Test No. | Material No. | Test result (ppm) |
|----------|--------------|-------------------|
| Pb-1 | 1 | N.D. |
| Pb-2 | 2 | N.D. |
| Pb-3 | 3 | N.D. |
| Pb-4 | 4 | N.D. |
| Pb-5 | 5 | N.D. |

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

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Phthalates (CPSIA)

Test method : CPSIA Sec.108, CPSC-CH-C1001-09.3.

Limit : 0.1% per substance - according to US Consumer Product Safety Improvement Act 2008 (CPSIA).

Detection limit : 0.005% per substance

A: For toys and childcare articles:

| Test No. | | | Phthalates-1 |
|------------------------------|----------|------|--------------|
| Material No. | | | 5 |
| Parameter | CAS No. | Unit | Test result |
| Dibutylphthalate (DBP) | 84-74-2 | % | N.D. |
| Benzylbutylphthalate (BBP) | 85-68-7 | % | N.D. |
| Diethylhexylphthalate (DEHP) | 117-81-7 | % | N.D. |

B: Additional requirements for toys and childcare articles, which can be placed in the mouth by children:

| Test No. | | | Phthalates-1 |
|----------------------------|------------|------|--------------|
| Material No. | | | 5 |
| Parameter | CAS No. | Unit | Test result |
| Di-n-octylphthalate (DNOP) | 117-84-0 | % | N.D. |
| Diisodecylphthalate (DIDP) | 26761-40-0 | % | N.D. |
| Diisononylphthalate (DINP) | 28553-12-0 | % | N.D. |

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

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Phthalates (California Proposition 65)

Test method : CPSIA Sec.108, CPSC-CH-C1001-09.3.

Limit : See below - US California Proposition 65 and Assembly Bill AB 1108.

Detection Limit : 0.005 % per substance

| Test No. | | | Phthalates-1 |
|------------------------------|------------|------|--------------|
| Material No. | | | 5 |
| Parameter | CAS No. | Unit | Test result |
| Dibutylphthalate (DBP) | 84-74-2 | % | N.D. |
| Benzylbutylphthalate (BBP) | 85-68-7 | % | N.D. |
| Diethylhexylphthalate (DEHP) | 117-81-7 | % | N.D. |
| Di-n-octylphthalate (DNOP) | 117-84-0 | % | N.D. |
| Diisodecylphthalate (DIDP) | 26761-40-0 | % | N.D. |
| Diisononylphthalate (DINP) | 28553-12-0 | % | N.D. |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | % | N.D. |

Requirements:

| Ordinance | Parameter | Maximum Allowable Limit |
|----------------|------------------------------|-------------------------|
| Proposition 65 | Dibutylphthalate (DBP) | 0.1% |
| | Benzylbutylphthalate (BBP) | 0.1% |
| | Diethylhexylphthalate (DEHP) | 0.1% |
| | Diisodecylphthalate (DIDP) | 0.1% |
| | Di-n-hexyl phthalate (DnHP) | 0.1% |

| Ordinance | Parameter | Maximum Allowable Limit |
|---------------------------------------|--|-------------------------|
| Assembly Bill No. 1108 Chapter 672 | For toys and Childcare articles: | |
| | Dibutylphthalate (DBP) | 0.1% |
| | Benzylbutylphthalate (BBP) | 0.1% |
| | Diethylhexylphthalate (DEHP) | 0.1% |
| | For toys and Childcare articles intended for use by a child under three years of age if that product can be placed in the child's mouth: | |
| | Di-n-octylphthalate (DNOP) | 0.1% |
| | Diisodecylphthalate (DIDP) | 0.1% |
| | Diisononylphthalate (DINP) | 0.1% |

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

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Microbiological Assessment

Test method : United States Pharmacopeia (USP32-NF27), Microbiological Test: <61>-
Microbiological

examination of nonsterile products: Microbial enumeration tests, and Microbiological Tests: <62>-Microbiological examination of nonsterile products: tests for specified microorganisms.

Test result :

| Test material No. | 3+4+5 | | | |
|--|----------------------------|------------------------|-------|-----------------|
| Item(s) | Test result ^(#) | Recommended Limit (*1) | Unit | Conclusion (*2) |
| Total aerobic microbial count (TAMC) | <10 | / | CFU/g | / |
| Total combined yeasts and mould count (TYMC) | <10 | / | CFU/g | / |
| TAMC+TYMC | <10 | ≤5000 | CFU/g | Pass |
| Bile-tolerant gram-negative bacteria | Absent | Absent | /g | Pass |
| Escherichia coli | Absent | Absent | /g | Pass |
| Salmonella | Absent | Absent | /10g | Pass |
| Pseudomonas aeruginosa | Absent | Absent | /g | Pass |
| Staphylococcus aureus | Absent | Absent | /g | Pass |
| Clostridia | Absent | Absent | /g | Pass |
| Candida albicans | Absent | Absent | /g | Pass |

Note:

- CFU = Colony forming units
- < = less than
- (*1) Recommended limit:

CTFA (U.S. Cosmetic, Toiletry and Fragrance Association) recommends the reporting of Total aerobic microbial count and Total combined molds and yeast count as the Total viable count. The common acceptance criteria employed in the toy and cosmetic industry are enumerated below for reference:

| Category | Total Viable Count (TAMC+TYMC) | |
|---|--------------------------------|------------------|
| | Limit Recommended | Acceptance limit |
| • Baby products • Products for the area of the eye | 100 CFU/mL(g) | 500 CFU/mL(g) |
| • All Other products | 1000 CFU/mL(g) | 5000 CFU/mL(g) |

The inherent variability of a plate count should be taken into account; thus the limit recommended should be interpreted as follows: 100 – maximum limit of acceptance is 500 CFU/mL(g) 1000 maximum limit of acceptance is 5000 CFU/mL(g).

- (*2) Conclusion are based on the recommended limit.
- (#) The result was subcontracted to lab: C014.

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Other Information / Remark:

- According to the customer's requirement, the appointed material has been tested.



END OF THE REPORT