

# Test Report

Report No.: DGCTT180533354EN

Date: May 25, 2018

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Applicant: CSPINC

Address: 8248 W. ORANGE DR GLENDALE, AZ 85303 USA

The following merchandise was (were) submitted and identified by client as:

Sample Name: PANDA FACE SLIME

Sample Model: 3-806

Packaging Provided: No

Labelled Age Group: /

Tested Age Grading: 8+

Appropriate Age Grading: 8+

Applicant's Specified  
Testing Age Group: 8+

Sample Received Date: May 19, 2018

Test Period: May 19, 2018 to May 25, 2018

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT



Hilary He / Technical Manager  
Consumer Testing Technology Co., Ltd.



Signed for and on Behalf of CTT



Michael Wang / Technical Manager  
Consumer Testing Technology Co., Ltd.



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**Test Requested and Conclusion(s):**

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	ASTM F963-17 - Physical and Mechanical Properties (Excluding Section 5.16, 6.1,7.1)	PASS
2	Submitted sample	ASTM F963-17 - Flammability	PASS
3	Submitted sample	ASTM F963-17 Section 4.3.5.1 - Total Lead content in paint and surface coating	PASS
4	Submitted sample	ASTM F963-17 Section 4.3.5.2 - Total Lead content in substrate material	PASS
5	Submitted sample	ASTM F963-17 Section 4.3.5.2 - Soluble Heavy Metals content in substrate material	PASS
6	Submitted sample	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in paint or surface coating	PASS
7	Submitted sample	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in accessible substrate materials	PASS
8	Submitted sample	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - 16 CFR 1307 - Phthalates	PASS

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**Test Result(s):**

Mechanical and Physical Properties - ASTM F963-17

Section	Testing Items	Assessment
		Toy(toy entirety)
4	Safety requirements	PASS
4.1	Material quality	PASS
4.3.7	Stuffing materials	NA
4.4	Electrical/thermal energy	NA
4.5	Sound producing toys	NA
4.6	Small objects	NA
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth actuated toys	NA
4.7	Accessible edges	NA
4.8	Projections	NA
4.9	Accessible points	NA
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics in toys	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA

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4.30	Toy gun marking	NA
4.32	Certain toys with nearly spherical ends	NA
4.34	Balls	NA
4.34.1	Toy intended for children under 36 months of age	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling Requirement	NR*
5.4	Aquatic toys	NA
5.5	Crib and playpen toys	NA
5.6	Mobiles	NA
5.7	Stroller and carriage toys	NA
5.8	Toys intended to be assembled by an adult	NA
5.9	Simulated protective devices	NA
5.10	Toys with functional sharp edges or points	NA
5.11	Small objects, small balls, marbles, and balloons	NA
5.12	Toy caps	NA
5.13	Art materials	NA
5.14	Electric toys	NA
5.15	Battery operated toys	NA
5.16	Promotional materials	NR*
5.17	Magnets	NA
6	Instructional Literature	NR*
6.1	Definition and description	NR*
6.2	Crib and playpen toys	NA
6.3	Mobiles	NA
6.4	Toys intended to be assembled by an adult	NA
6.5	Battery operated toys	NA
6.6	Battery powered ride-on toys	NA
6.7	Toys in contact with food	NA

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6.8	Toy chests	NA
7	Producer's Marking	
7.1	Name of the producer or the distributor	NR*
	Address of the producer or the distributor	NR*
7.2	Battery powered ride on toys	NA
7.3	Toy chests	NA

- Note:**
1. NA = Not Applicable
  2. NR =Not Requested
  3. "\*" = Per client's requirement, the packaging was not evaluated.
  4. The name and address of the producer or the distributor shall be marked on the toy or the package.

**Test Result(s):**

Flammability - ASTM F963-17 Annex A5

Sample Description	Ignition Location	Burn Length (inch)	Burn Time (sec.)	Burn Rate (inch/sec.)	Limit (inch/sec.)	Conclusion
Panda face slime(green)	Edge	1.3	60	0.02	0.15	PASS
Slime(blue)	Edge	1.2	60	0.02	0.15	PASS
Slime(purple)	Edge	1.4	60	0.02	0.15	PASS
Slime(light blue)	Edge	1.3	60	0.02	0.15	PASS

- Note:**
1. All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.

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**Test Result(s):**

Total Lead content in paint and surface coating - ASTM F963-17 Section 4.3.5.1

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
7+8+9	10	90	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL = Reporting Limit.
  4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.

Total Lead content in substrate material - ASTM F963-17 Section 4.3.5.2

Method:

Metal - CPSC-CH-E1001-08.3

Nonmetal - CPSC-CH-E1002-08.3

analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1+2	10	100	N.D.	PASS
3+4	10	100	N.D.	PASS
5+6	10	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL = Reporting Limit.
  4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.

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**Test Result(s):**

Soluble Heavy Metals content in substrate material - ASTM F963-17 Section 4.3.5.2

Method: ASTM F963-17 Section 8.3.2, 8.3.3 and 8.3.5, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Elements	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Limit (mg/kg)	25	1000	75	60	60	90	60	500	
RL (mg/kg)	2.5	5	5	5	5	5	5	5	
Material No.	Result (mg/kg)								
3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL = Reporting Limit.

The Lead content of paint or surface coating - CPSIA

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
7+8+9	90	N.D.	PASS

The Lead content of accessible substrate materials - CPSIA

Method:

Metal - CPSC-CH-E1001-08.3

Nonmetal - CPSC-CH-E1002-08.3

Analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
1+2	100	N.D.	PASS
3+4	100	N.D.	PASS
5+6	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 10 mg/kg.
  4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This

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had been taken in account in the conclusion of this report.

**Test Result(s):**

Phthalates – CPSIA (16 CFR 1307)

Method: CPSC-CH-C1001-09.3, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Test Substances	CAS No.	Limit (mg/kg)	RL (mg/kg)	Result (mg/kg)	
				3+4	5+6
DBP	84-74-2	1000	50	N.D.	N.D.
BBP	85-68-7	1000	50	N.D.	N.D.
DEHP	117-81-7	1000	50	N.D.	N.D.
DINP	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
DIBP <sup>n</sup>	84-69-5	1000	50	N.D.	N.D.
DCHP <sup>n</sup>	84-61-7	1000	50	N.D.	N.D.
DPENP <sup>n</sup>	131-18-0	1000	50	N.D.	N.D.
DHEXP <sup>n</sup>	84-75-3	1000	50	N.D.	N.D.
Conclusion				PASS	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL = Reporting Limit.
  4. Children's toys and child care articles shall not more than 1000mg/kg DBP, BBP, DEHP, DINP, DIBP, DCHP, DPENP and DHEXP
    - Children's toys defined as 12 years and under.
    - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.
  5. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.

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## Test Material List

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
1	Transparent plastic	Shell
2	White plastic	Base
3	Blue mucus glue	Mucus glue
4	Green mucus glue	Mucus glue
5	Purple mucus glue	Mucus glue
6	Pink mucus glue	Mucus glue
7	White paint	Coating of shell
8	Black paint	Coating of shell
9	Blue paint	Coating of shell

## Photo of Sample:



\*\*\*End of Report\*\*\*

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