

CPST

Test Report

No. C210730010001-1

Date: Aug 04, 2021

Page 1 of 16

Applicant: Yiwu Rongzu Trading Co., LTD.

Applicant Address: 187 Baozhai Village, Yiting Town, Yiwu City, Jinhua City, Zhejiang Province, China

The following samples were submitted and identified on behalf of the clients as

Sample Name: Fidget Spinner (2 bubble), Fidget Spinner (3 bubble), Fidget Spinner (5 bubble),
Fidget spinner (light bulb)

Description: Fidget Spinner (2 bubble), Fidget Spinner (3 bubble), Fidget Spinner (5 bubble),
Fidget spinner (light bulb)

Model: FS2B-Blue, FS2B-Green, FS2B-Powder, FS2B-Gold, FS2B-Red, FS2B-Silver,
FS2B-Dichromatic, FS2B-White, FS2B-Black, FS2B-Purple, FS2B-Yellow;
FS3B-Blue, FS3B-Green, FS3B-Powder, FS3B-Gold, FS3B-Red, FS3B-Silver,
FS3B-Dichromatic, FS3B-White, FS3B-Black, FS3B-Purple, FS3B-Yellow;
FS5B-Blue, FS5B-Green, FS5B-Powder, FS5B-Gold, FS5B-Red, FS5B-Silver,
FS5B-Dichromatic, FS5B-White, FS5B-Black, FS5B-Purple, FS5B-Yellow;
FS5B-Blue, FS5B-Green, FS5B-Powder, FS5B-Gold, FS5B-Red, FS5B-Silver,
FS5B-Dichromatic, FS5B-White, FS5B-Black, FS5B-Purple, FS5B-Yellow

Manufacturer: Yiwu Rongzu Trading Co., LTD

Manufacturer Address: 187 Baozhai Village, Yiting Town, Yiwu City, Jinhua City, Zhejiang Province,
China

Requested Age Grading: 3 yrs +

Labeled Age Grading: 3 yrs +

Test age: 3 yrs +

CPST Internal Reference No.: C210730001

Sample Received Date: Jul 30, 2021

Test Period: Jul 30, 2021 to Aug 04, 2021

CPST
* * *
REVIEWED BY:
ESTING

Signed for and on behalf of
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY :

Silvia Chan

Chen Xiao Ting, Silvia
Report writer

REVIEWED BY:

Sunshine Liu

Liu Xiao Fang, Sunshine
Report Reviewer

APPROVED BY:

Will Pan

Pan Jian Ding, Will
Technical Supervisor

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

CPST

Test Report

No. C210730010001-1

Date: Aug 04, 2021

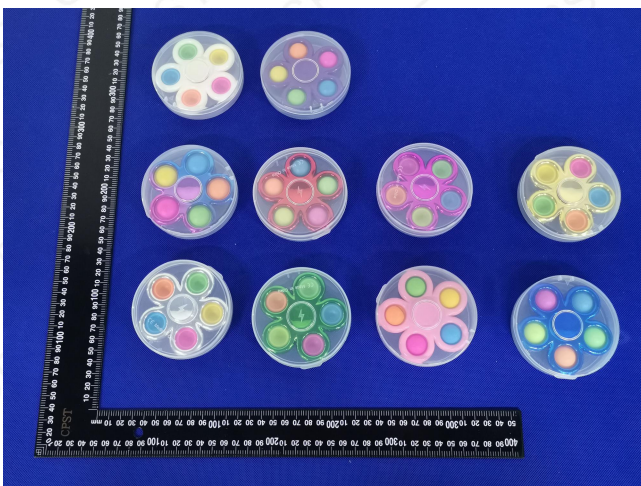
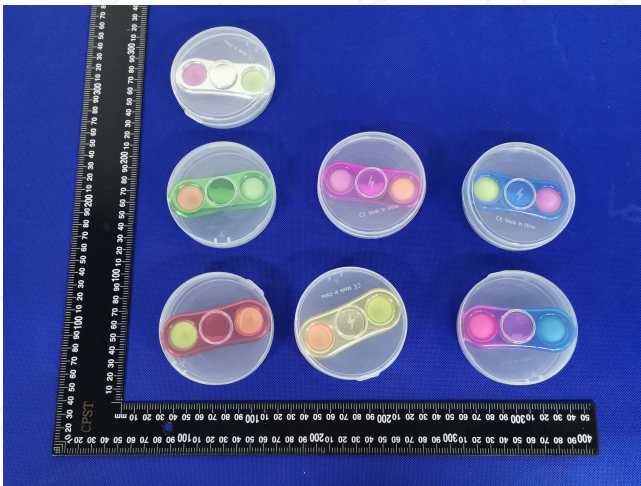
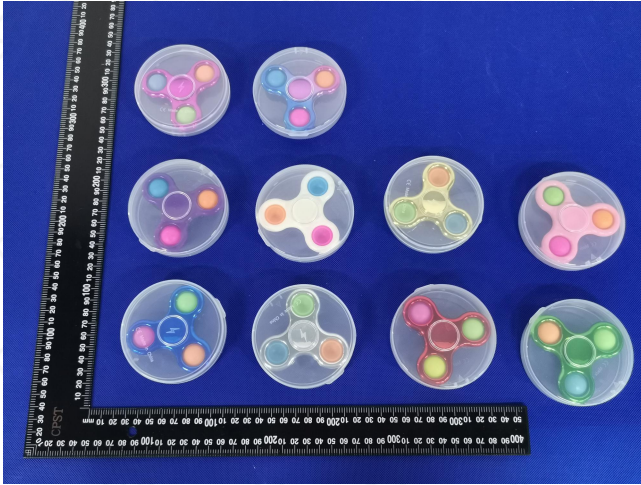
Page 2 of 16

CONCLUSION :

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
	1.ASTM F963-17 Standard Consumer Safety Specification for Toy Safety:	
	1)Physical & Mechanical Tests	PASS
	2)4.2 Flammability	PASS
	3)Heavy metal content in Toy Substrate Materials: ASTM F963-17 Section 4.3.5.2	PASS
Fidget Spinner (2 bubble),Fidget Spinner (3 bubble),Fidget Spinner (5 bubble), Fidget spinner (light bulb)	Heavy metal content in paint and similar surface coating material : ASTM F963-17 Section 4.3.5.1	PASS
	2.Lead in Nonmetal Children's Products(CPSC-CH-E1002-08.3:2012) - USA Consumer Product Safety Improvement Act (CPSIA) Sec.101.(a)	PASS
	3.Lead content for coating - USA Consumer Product Safety Improvement Act (CPSIA) Sec.101.(f)	PASS
	4.Lead Paint Regulation - 16 CFR Part 1303 (CPSC-CH-E1003-09.1)	PASS
	5.Determination of Phthalates (CPSC-CH-C1001:09.4) - USA Consumer Product Safety Improvement Act (CPSIA) Sec.108	PASS
	6.As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products	PASS

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Photo of the Submitted Sample



Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Test Result(s):

Description of Specimen	No.1	Fidget Spinner (2 bubble),Fidget Spinner (3 bubble),Fidget Spinner (5 bubble), Fidget spinner (light bulb)
	No.2	Yellow transparent plastic
	No.3	Orange soft plastic
	No.4	Blue soft plastic
	No.5	Green coating
	No.6	Pink plastic
	No.7	Yellow soft plastic

1.1)ASTM F963-17 Standard Consumer Safety Specification for Toy Safety: Physical & Mechanical Tests

Section	Test Item	Result
		No.1
4	Safety Requirements	---
4.1	Material Quality	PASS
4.2	Flammability	PASS
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	Heavy Elements	PASS
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, Powders and Items of Avian Feather Origin	N.A.
4.3.7	Stuffing Materials.	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	---
4.6.1	Toys that are intended for children under 36 months of age	N.A.
4.6.2	Mouth-Actuated Toys	N.A.
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	PASS
4.7	Accessible Edges	PASS

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Section	Test Item	Result
		No.1
4.8	Projections	N.A.
4.9	Accessible Points	PASS
4.10	Wires or Rods	N.A.
4.11	Nails and Fasteners	PASS
4.12	Plastic Film	N.A.
4.13	Folding Mechanisms and Hinges	N.A.
4.14	Cords, Straps, and Elastics	N.A.
4.15	Stability and Over-Load Requirements	N.A.
4.16	Confined Spaces	N.A.
4.17	Wheels, Tires and Axles	N.A.
4.18	Holes, Clearance and Accessibility of Mechanisms	N.A.
4.19	Simulated Protective Devices	N.A.
4.20	Pacifiers	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.
4.25	Battery-Operated Toys	PASS
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	N.A.
4.30	Toy Gun Marking	N.A.
4.31	Balloons	N.A.
4.32	Certain Toys with Nearly 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.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Section	Test Item	Result
		No.1
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.
4.40	Expanding Materials	N.A.
4.41	Toy Chests	N.A.
5.	Labeling Requirements	---
5.1	Federal Government Requirements	PASS
5.2	Age Grading Labeling	PASS
5.3	Safety Labeling Requirements	PASS
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 an 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	PASS
5.12	Toy Caps	N.A.
5.13	Art Materials	N.A.
5.14	Electric Toys	N.A.
5.15	Battery-Operated Toys	PASS
5.16	Promotional Materials	N.A.
5.17	Magnets	N.A.
6.	Instructional Literature	---
6.1	Definition and Description	PASS
6.2	Crib and Playpen Toys	N.A.
6.3	Mobiles	N.A.
6.4	Toys Intended to be Assembled by an Adult	N.A.
6.5	Battery-Operated Toys	N.A.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Section	Test Item	Result
		No.1
6.6	Battery Powered Ride-on Toys	N.A.
6.7	Toys in Contact with Food	N.A.
6.8	Toy Chests	N.A.
7.	Producer's Markings	---
7.1	Producer's Markings	PASS
7.2	Battery-Powered Ride-on Toys	N.A.
7.3	Toy Chests	N.A.
8.	Test Method	---
8.5	Normal Use Testing	PASS
8.5.1	Washable Toys	N.A.
8.7	Impact Test	PASS
8.8	Torque Test	PASS
8.9	Tension Test	PASS
8.9.1	Seam Test	N.A.
8.10	Compression Test	PASS
8.12	Flexure Test	N.A.
8.16	Tension Test for Pompoms	N.A.

N.A. = Not Applicable

The sample was resubmitted by client dated on 2021.08.04

1.2)4.2 Flammability

Ref: ASTM F 963-17 Section 4.2/A5

Flammability Test on Solid

Sample	Burning Rate (inch/sec)	Limit (inch/sec)
No.1	IBE	0.1
DNI = Did Not Ignite	IBE = Ignite But Self-Extinguished	

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

1.3) Heavy metal content in Toy Substrate Materials: ASTM F963-17 Section 4.3.5.2

Test Method: With reference to ASTM F963-17, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Items	Unit	Result					MDL	Limit
		No.2	No.3	No.4	No.6	No.7		
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	25
Soluble Barium (Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5	500
Total Lead(Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	10	100

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Heavy metal content in paint and similar surface coating material : ASTM F963-17 Section 4.3.5.1

Test Method: With reference to ASTM F963-17, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Items	Unit	Result	MDL	Limit
		No.5		
Soluble Lead (Pb)	mg/kg	N.D.	5	90
Soluble Mercury (Hg)	mg/kg	N.D.	5	60
Soluble Cadmium (Cd)	mg/kg	N.D.	5	75
Soluble Chromium (Cr)	mg/kg	N.D.	5	60
Soluble Antimony (Sb)	mg/kg	N.D.	5	60
Soluble Arsenic (As)	mg/kg	N.D.	5	25
Soluble Barium (Ba)	mg/kg	N.D.	5	1000
Soluble Selenium (Se)	mg/kg	N.D.	5	500
Total Lead(Pb)	mg/kg	N.D.	10	90

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

2. Lead in Nonmetal Children's Products (CPSC-CH-E1002-08.3:2012)

- USA Consumer Product Safety Improvement Act (CPSIA) Sec.101.(a)

Test Method: With reference to CPSC-CH-E1002-08.3:2012, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Unit	Result		MDL	Limit
		No.2+No.6	No.3+No.4+No.7		
Lead (Pb)	mg/kg	N.D.	N.D.	10	100

Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

3. Lead content for coating-USA Consumer Product Safety Improvement Act (CPSIA) Sec.101.(f)

Test Method: With reference to CPSC-CH-E1003-09.1:2011, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Unit	Result	MDL	Limit
		No.5		
Lead (Pb)	mg/kg	N.D.	10	90

Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

4. Lead Paint Regulation - 16 CFR Part 1303 (CPSC-CH-E1003-09.1)

Test Method: With reference to CPSC-CH-E1003-09.1:2011, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Unit	Result	MDL	Limit
		No.5		
Lead (Pb)	mg/kg	N.D.	10	90

Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

5.Determination of Phthalates (CPSC-CH-C1001:09.4)

- USA Consumer Product Safety Improvement Act (CPSIA) Sec.108

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Item	CAS No.	Unit	Result		MDL	Limit
			No.2+No.6	No.5		
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	%(w/w)	N.D.	N.D.	0.005	0.1
Di-butyl phthalate (DBP)	84-74-2	%(w/w)	N.D.	N.D.	0.005	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%(w/w)	N.D.	N.D.	0.005	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	%(w/w)	N.D.	N.D.	0.010	0.1
Di-n-pentyl phthalate(DPENP)	131-18-0	%(w/w)	N.D.	N.D.	0.005	0.1
Di-n-hexyl phthalate(DHEXP)	84-75-3	%(w/w)	N.D.	N.D.	0.005	0.1
Di-isobutyl phthalate(DIBP)	84-69-5	%(w/w)	N.D.	N.D.	0.005	0.1
Dicyclohexyl phthalate(DCHP)	84-61-7	%(w/w)	N.D.	N.D.	0.005	0.1

Test Item	CAS No.	Unit	Result	MDL	Limit
			No.3+No.4+No.7		
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	%(w/w)	N.D.	0.005	0.1
Di-butyl phthalate (DBP)	84-74-2	%(w/w)	N.D.	0.005	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%(w/w)	N.D.	0.005	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	%(w/w)	N.D.	0.010	0.1
Di-n-pentyl phthalate(DPENP)	131-18-0	%(w/w)	N.D.	0.005	0.1
Di-n-hexyl phthalate(DHEXP)	84-75-3	%(w/w)	N.D.	0.005	0.1
Di-isobutyl phthalate(DIBP)	84-69-5	%(w/w)	N.D.	0.005	0.1
Dicyclohexyl phthalate(DCHP)	84-61-7	%(w/w)	N.D.	0.005	0.1

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

Note:

1. % = percentage by weight.
2. 0.0001% = 1 mg/kg.
3. MDL = Method Detection Limit.
4. N.D. = Not Detected (< MDL).
5. Children's toys and child care articles that contains concentrations of not more than 0.1% of Di-(2-ethylhexyl) phthalate (DEHP), Di-butyl phthalate (DBP), or Butyl benzyl phthalate (BBP), Di-isononyl phthalate (DINP), Di-n-pentyl phthalate(DPENP), Di-n-hexyl phthalate(DHEXP), Di-isobutyl phthalate(DIBP), Dicyclohexyl phthalate(DCHP).

6.As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products

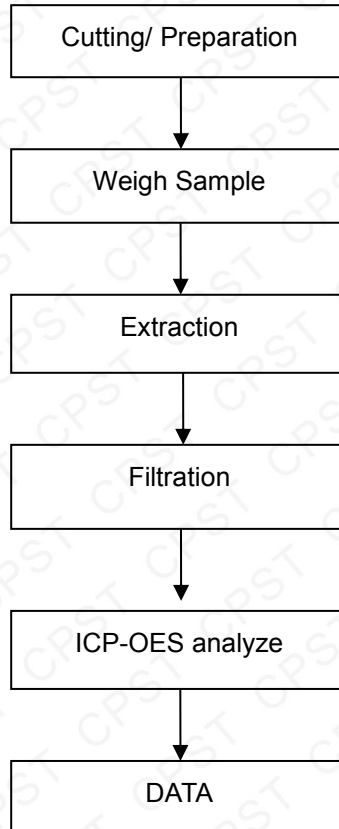
CPSIA Section 103	Tracking label found on the packaging:	Note
	1. Name:	Present
	2. Location:	Present
	3. Date:	Present
	4. Cohort information:	Present
	Tracking label found on the product:	Not Applicable

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

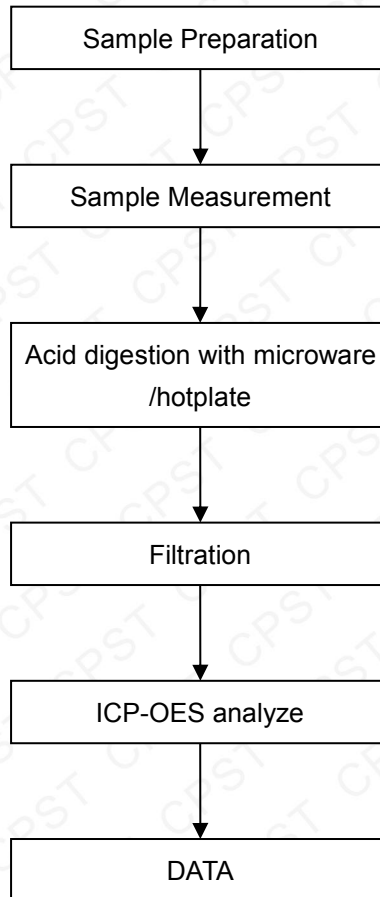
Soluble Migrated Element Testing Flow Chart



Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



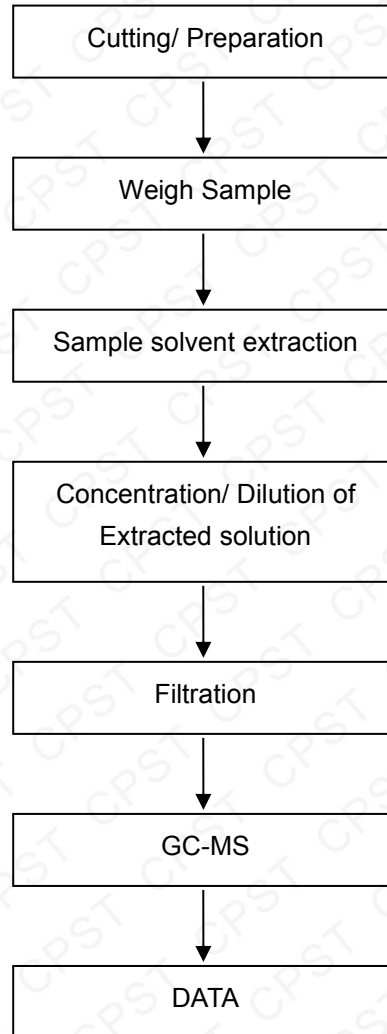
Total Lead Testing Flow Chart



Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Phthalates Testing Flow Chart



*** End of Report ***

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.