



中国认可
国际互认
检测
TESTING
CNAS L4423

Test report

Report No : EQO23081408P

Date: 2023-09-09

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Applicant: Hangzhou Fortella Technology Co, Ltd.

Address: ITC Guigu International Center, Room 806 Xiaoshan District Hangzhou, Zhejiang 311200 CN.

The following sample(s) was/were submitted and identified on behalf of applicant

Sample(s) name: Go Grow Box 13-15M

Age: 13-15M

Sample(s) Q'ty : 1pc

Sample(s) description: Applicant provides one Go Grow Box 13-15M, with pdf packaging and instruction information.

Sample(s) arrive date: 2023-08-29

Testing Period : 2023-09-05~2023-09-07

Test summary:

Items	Testing items	Testing method	Conclusion	Remark
1	Safety performance test for toy safety	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	P	/
2	Total Lead	CPSC-CH-E1002-08.3 CPSC-CH-E1003-09.1	P	/
3	Phthalates	CPSC-CH-C1001-09.4	P	/
4	Migration of certain elements	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	P	/

Conclusion: P: Pass; F: Fail; N: Not applicable;



Edited by: *Allen Yang*

Reviewed by: *Delei Tu* Approved by: *Sheng Chen*

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Test result

Applicant's Specified Age Group for Testing: 13-15M

The Submitted sample were undergone the use and abuse tests in accordance with the Federal Hazardous Substance Act(FHSA), Title 16, Code of Federal Regulations:-

Test	FHSA	Parameter
Impact test	Section 1500.53(b)	3 times 0.5ft height
Torque Test	Section 1500.53(e)	4.2 in·lbf
Tension Test	Section 1500.53(f)	15.5 lbf
Compression Test	Section 1500.53(g)	15.5 lbf

1.ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section	Test item	Result	Remarks
4. Safety Requirements			
4.1	Material Quality	P	/
4.2	Flammability	P	/
4.3	Toxicology	P	See Chemical test result
4.4	Electrical/Thermal Energy	N/A	No electrical/thermal function
4.5	Sound-Producing Toys	P	/
4.6	Small Objects	P	/
4.7	Accessible Edges	P	/
4.8	Projections	P	/

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Section	Test item	Result	Remarks
4.9	Accessible Points	P	/
4.10	Wires or Rods	P	/
4.11	Nails and Fasteners	P	/
4.12	Plastic Film	P	/
4.13	Folding Mechanisms and Hinges	N/A	No Folding Mechanisms and Hinges
4.14	Cords, Straps, and Elastics	N/A	No Cords, Straps, and Elastics
4.15	Stability and Over-Load Requirements	N/A	No Ride-On Toys and Toy Seats
4.16	Confined Spaces	N/A	No confined spaces
4.17	Wheels, Tires, and Axles	N/A	No Wheels, Tires, and Axles
4.18	Holes, Clearance, and Accessibility of Mechanisms	P	/
4.19	Simulated Protective Devices	N/A	Not simulated protective devices
4.20	Pacifiers	N/A	Not pacifiers

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Section	Test item	Result	Remarks
4.21	Projectile Toys	N/A	Not Projectile Toys
4.22	Teethers and Teething Toys	N/A	Not teethers or teething toys
4.23	Rattles	N/A	Not Rattles
4.24	Squeeze Toys	N/A	Not squeeze toys
4.25	Battery-Operated Toys	N/A	Not Battery-Operated Toys
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A	Not toys Intended to be Attached to a Crib or Playpen
4.27	Stuffed and Beanbag-Type Toys	N/A	No Stuffed and Beanbag-Type Toys
4.28	Stroller and Carriage Toys	N/A	Not stroller or carriage toys
4.29	Art Materials	N/A	No art materials
4.30	Toy Gun Marking	N/A	Not toy gun
4.31	Balloons	N/A	Not balloons
4.32	Certain Toys with Nearly Spherical Ends	N/A	No nearly spherical ends

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Section	Test item	Result	Remarks
4.33	Marbles	N/A	No marbles
4.34	Balls	P	/
4.35	Pompoms	N/A	No Pompoms
4.36	Hemispheric-Shaped Objects	N/A	No hemispheric-shape d objects
4.37	Yo Yo Elastic Tether Toys	N/A	Not Yo Yo Elastic Tether Toys
4.38	Magnets	N/A	No magnets
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A	No Handles and Steering Wheels
4.40	Expanding Materials	N/A	No Expanding Materials
4.41	Toy Chests	N/A	Not toy chests
5.Labeling Requirements			
5.1	Federal Government Requirements	P	/
5.2	Age Grading Labeling	N/A	13-15M

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Section	Test item	Result	Remarks
5.3	Safety Labeling Requirements	P	/
5.4	Aquatic Toys	N/A	Not Aquatic Toys
5.5	Crib and Playpen Toys	N/A	Not Crib and Playpen Toys
5.6	Mobiles	N/A	Not Mobiles
5.7	Stroller and Carriage	N/A	Not Stroller and Carriage
5.8	Toys Intended to be Assembled by an Adult	N/A	Toys don't require assembly
5.9	Simulated Protective Devices	N/A	Not Simulated Protective Devices
5.10	Toys with Functional Sharp Edges or Points	N/A	No Functional Sharp Edges and Points
5.11	Small Objects, Small Balls, Marbles, and Balloons	N/A	No Small Objects, Small Balls, Marbles, and Balloons
5.12	Toy Caps	N/A	Not Toy Caps
5.13	Art Materials	N/A	Not Art Materials
5.14	Electric Toys	N/A	No Electric Toys

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Section	Test item	Result	Remarks
5.15	Battery-Operated	N/A	No Battery-Operated
5.16	Promotional Materials	N/A	No Promotional Materials
5.17	Magnets	N/A	No Magnets
6.Instructional Literature			
6.1	Definition and Description	P	/
6.2	Crib and Playpen Toys	N/A	Not Crib and Playpen Toys
6.3	Mobiles	N/A	Not Mobiles
6.4	Toys Intended to be Assembled By an Adult	N/A	Toys don't require assembly
6.5	Battery-Operated Toys	N/A	Not Battery-Operated Toys
6.6	Battery Powered Ride-on Toys	N/A	Not Ride-on Toys
6.7	Toys in Contact with Food	N/A	No Contact with Food
6.8	Toy Chests	N/A	Not Toy Chests
7.Producer's Markings			



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Section	Test item	Result	Remarks
7.1	General requirements	P	/
7.2	Battery-Powered Ride-on Toys	N/A	Not Battery-Powered Ride-on Toys
7.3	Toy Chests	N/A	Not Toy Chests

N/A = Not Applicable.

Remark1: The marking and packing information was provided with PDF version file, the permanent was not be evaluated.



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Chemical test results:

- 1#-A. White Whale+Polar Bear
- 1#-B. Tiger+pet dog+seal
- 1#-C. 02 White Crayon+03 Black Crayon+04 Dark Grey Crayon
- 1#-D. 06 Red Crayon+07 Orange Red Crayon+08 Yellow Crayon
- 1#-E. 09 Lemon Yellow Crayon+12 Mango Orange Crayon+13 Meat Orange Crayon
- 1#-F. 14 Purple Crayon+15 Light Purple Crayon+16 Purple Pink Crayon
- 1#-G. 17 Rose Pink Crayon+18 Light Pink Crayon+19 Green Crayon
- 1#-H. 21 Onion Green Crayon+22 Dark Green Crayon+24 Lake Blue Crayon
- 1#-I. 26 dark blue crayons+27 light blue crayons+28 sky blue crayons
- 1#-J. 29 Coffee Crayon+32 Brown Crayon+33 Light Brown Crayon
- 1#-K. Red coating+orange coating+cyan coating
- 1#-L. Blue coating+purple coating+green coating
- 1#-M. Yellow coating+log transparent coating
- 1#-N. Red metal coating+orange metal coating+yellow metal coating
- 1#-O. Green metal coating+cyan metal coating+blue metal coating
- 1#-P. Purple metal coating
- 1#-Q. Grey rubber hammer
- 1#-R. Green wooden ball+yellow wooden ball
- 1#-S. log

According to the customer's requirements, the samples were mixed tested. Therefore, the results of the report show the average value of the mixed materials. Sample test results may differ from any single test results, and customers will bear the resulting differences and risks.

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2. Total Lead

Test method: CPSC-CH-E1002-08.3, Analyzed by ICP-OES.

Test Item(s)	Test Result (mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-A	1#-B	1#-C	1#-D		
Total Pb	N.D	N.D	N.D	N.D	100	10

Test Item(s)	Test Result (mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-E	1#-F	1#-G	1#-H		
Total Pb	N.D	N.D	N.D	N.D	100	10

Test Item(s)	Test Result (mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-I	1#-J	1#-Q	1#-R		
Total Pb	N.D	N.D	N.D	N.D	100	10

Test Item(s)	Test Result (mg/kg)	Limited (mg/kg)	MDL (mg/kg)
	1#-S		
Total Pb	N.D	100	10

Test method: CPSC-CH-E1003-09.1, Analyzed by ICP-OES.

Test Item(s)	Test Result (mg/kg)			Limited (mg/kg)	MDL (mg/kg)
	1#-K	1#-L	1#-M		
Total Pb	N.D	N.D	N.D	90	10

Test Item(s)	Test Result (mg/kg)			Limited (mg/kg)	MDL (mg/kg)
	1#-N	1#-O	1#-P		
Total Pb	N.D	N.D	N.D	90	10

Remark: N.D= less than MDL

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3. Phthalates

Test method : CPSC-CH-C1001-09.4, Analyzed by GC-MS.

Parameter	CAS NO.	Test Result (%W/W)			Limited (%W/W)	MDL (%W/W)
		1#-A	1#-B	1#-K		
DBP	84-74-2	N.D	N.D	N.D	0.1	0.005
BBP	85-68-7	N.D	N.D	N.D	0.1	0.005
DEHP	117-81-7	N.D	N.D	N.D	0.1	0.005
DINP	28553-12-0/68515-48-0	N.D	N.D	N.D	0.1	0.01
DNHP	84-75-3	N.D	N.D	N.D	0.1	0.005
DIBP	84-69-5	N.D	N.D	N.D	0.1	0.01
DPP	131-18-0	N.D	N.D	N.D	0.1	0.005
DCHP	84-61-7	N.D	N.D	N.D	0.1	0.005

Parameter	CAS NO.	Test Result (%W/W)			Limited (%W/W)	MDL (%W/W)
		1#-L	1#-M	1#-N		
DBP	84-74-2	N.D	N.D	N.D	0.1	0.005
BBP	85-68-7	N.D	N.D	N.D	0.1	0.005
DEHP	117-81-7	N.D	N.D	N.D	0.1	0.005
DINP	28553-12-0/68515-48-0	N.D	N.D	N.D	0.1	0.01
DNHP	84-75-3	N.D	N.D	N.D	0.1	0.005
DIBP	84-69-5	N.D	N.D	N.D	0.1	0.01
DPP	131-18-0	N.D	N.D	N.D	0.1	0.005
DCHP	84-61-7	N.D	N.D	N.D	0.1	0.005

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Parameter	CAS NO.	Test Result (%W/W)			Limited (%W/W)	MDL (%W/W)
		1#-O	1#-P	1#-Q		
DBP	84-74-2	N.D	N.D	N.D	0.1	0.005
BBP	85-68-7	N.D	N.D	N.D	0.1	0.005
DEHP	117-81-7	N.D	N.D	N.D	0.1	0.005
DINP	28553-12-0/68515-48-0	N.D	N.D	N.D	0.1	0.01
DNHP	84-75-3	N.D	N.D	N.D	0.1	0.005
DIBP	84-69-5	N.D	N.D	N.D	0.1	0.01
DPP	131-18-0	N.D	N.D	N.D	0.1	0.005
DCHP	84-61-7	N.D	N.D	N.D	0.1	0.005

Remark: (1) % = percent
(2) N.D= less than MDL

4. Migration of certain elements

Test method : ASTM F963-17, Analyzed by ICP-OES.

Test Item(s)	Test Result(mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-A	1#-B	1#-C	1#-D		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	100	10

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Test Item(s)	Test Result(mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-E	1#-F	1#-G	1#-H		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	100	10

Test Item(s)	Test Result(mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-I	1#-J	1#-K	1#-L		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	100	10

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Test Item(s)	Test Result(mg/kg)				Limited (mg/kg)	MDL (mg/kg)
	1#-M	1#-N	1#-O	1#-P		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	100	10

Test Item(s)	Test Result(mg/kg)			Limited (mg/kg)	MDL (mg/kg)
	1#-Q	1#-R	1#-S		
Soluble Antimony (Sb)	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	100	10

Remark: (1) N.D= less than MDL

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Sample Pictures:

Go Grow Box 13-15M:



****Front****

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-----End of report -----