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LUMI LEGEND CORPORATION

22/F., BUILDING 1, LISI PLAZA, HUIFENG EAST ROAD, NINGBO, CHINA 315100

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT №.: SHHG1412047293FT DATE: JAN. 20, 2015 The following sample(s) was/were submitted and identified by the client as: : ERGONOMIC HEIGHT ADJUSTABLE CHILDREN DESK Sample Description & CHAIR SET Style/ Item No. : C301 Manufacturer : LUMI LEGEND CORPORATION : LUMI LEGEND CORPORATION Supplier Country of Origin : CHINA Sample Receiving Date : DEC. 24, 2014 **Testing Period** : DEC. 24, 2014 TO JAN. 20, 2015 **Test Performed** : SELECTED TEST(S) AS REQUESTED BY APPLICANT : FOR FURTHER DETAILS, PLEASE REFER TO THE **Test Requested** FOLLOWING PAGE(S) : FOR FURTHER DETAILS, PLEASE REFER TO THE Test Result(s) FOLLOWING PAGE(S) Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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Vincent Feng Technical Manager

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Test Conducted:

For chair:

Test Property	Test Method	Requirements		Internal Use
PHYSICAL CHARACTER				
Material	Standard Measurement		Plastic Plastic Plastic Plastic Without Metal Without	/ Record only
Material Hardness	Standard Measurement	Seat Backrest Legs Tubular Components(mo	81 Shore D 79 Shore D 70 Shore D	/ Record only
Dimensions	Standard Measurement	Overall: Height Depth Seat: Height(max 15-in) Width/Dia. Depth Thickness Metal frame Diamete Metal tubing Thickne Plastic frame Thickne Seat cushion Thickne Back cushion Thickne Leg Length	25.5-31.0in 15.0in 20.5in 12.0-17.3in 14.3in 13.5in 1.5in 1.5in er 1.0in ess	/ Record only
CONSTRUCTION QUAL	TIES			
Finish/Workmanship	Visual Check	Good overall appearanc alignment of component Wood is well sanded and splinters Free of nicks, burrs, pits	s d free from	Pass

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Test Property Test Method **Requirements** Internal Use other defects which may affect serviceability or appearance of the finished product Visual Check Not applicable Construction Filling material visually matches filling material listed on law tag Standard Wood moisture content Not applicable measurement (12% or less) % Note: For WM USA products sold in Dept. 14 or Dept 74, 6% minimum to 12% maximum. Actual Use Easily folds and unfolds without binding Not applicable of the folding mechanism Actual Use Moveable or adjustable components that Not applicable are accessible to the occupant and which rotate or slide around a common axis do not exhibit a scissoring, shearing, or pinching hazard by not admitting a 0.210-in (5.3mm) to 0.375-in (9.5mm), diameter probe at any accessible point throug1-t the range of motion of such parts Actual Use Pass Circular holes in any rigid material less than 0.062in (1.58mm) thick whi',1 admits a 1/4-in (6mm) diameter rod t . a vpth o 3/8-in (10mm) or greater also admits a 1/2in (13mm) diameter rod Actual Use All accessible threaded ends of bolts, are protected by a suitable device (i.e. acorn nut) Actual Use Each leg provides replaceable or permanent shoe or other means to prevent marring or scratching of the floor surfaces (if applicable) Actual Use Product rests on flat surface with no excessive rocking or wobbling Actual Use Accessible gap at the hinge line between a stationary portion and

> movable portion that admits a 3/16-in (5mm) rod, also admits a 1/2-in

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Test Property	Test Method	Requirements	Internal Use
		(13mm) rod	
	Actual Use	If product demonstrates potential for	
		folding or other movement, (not	
		including foot rest and reclining back	
		movement), with an occupant in the	
		chair and in the recommended use	
		position, then it must meet one of the	
	Astrolliss	following requirements	
	Actual Use	Product has a locking/latching	
		device or other means to prevent	
		unexpected or sudden movement, or collapse of the product	
		<u>N</u> Y/N	
		Or	
		Adequate clearance to provide	
		protection from crushing or laceration of fingers or toes	
		<u>N</u> Y/N	
Requirement for product	Actual Use	Locking/Latching devices or other	Not applicable
equipped with a locking	Actual 036	means to prevent unexpected or sudden	Not applicable
/latching device		movement, or collapse of the product,	
		engage automatically when the product is placed in the manufacturer's	
		recommended use position	
		Single action locking/latching devices demonstrate a minimum force of 10 lb to	
		activate the release mechanism	
		Double action locking/latching	
		devices demonstrate 2 consecutive	
		actions, the first must be maintained while the second is carried out, or 2	
		separate single action mechanisms	
		activated simultaneously to fully	
		release	
		Product does not give the	
		appearance of being in any	

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Test Property	Test Method	Requirements	Internal Use
		manufacturer's recommended use	
		position unless the locking/latching	
		device is fully engaged (if provided)	
PERFORMANCE TESTI	IG (Performance testi	ng is the method of test and requirements us	sed to ensure the
product meets a minimum			
Practical use	Actual Use	Withstands 250 folding/latching/locking cycles with no evidence of mechanical malfunction or loss of serviceability	Pass
Protective components	Actual Use	Any component which could be grasped between the child's thumb and forefinger, or teeth, or any component which has as least a 0.040-in gap between it and the adjacent component, withstands the following torque and tension tests, without creating small parts, sharp edges or points, or an entrapment hazard. Note: Torque is applied before tension on each test.	Pass
		Torque Each component withstands a torque of 3 lbf-in (0.5-Nm) maintained for 10-sec. Force is applied within a period of 5-ec, or until a rotation of 180° from the original position has been attained.	Pass
		Tension Each component withstands a 15-lbf (67 N) force gradually applied in the direction normally associated with removal of the component over a period of 5-sec and maintained for 10-sec	Pass
Upholstery performance	Actual Use	Fabric seams exhibit a seam strength in excess of 50 lb	Not applicable
Stability	ASTM F2613	The chair when tested as described in ASTM F2613 Section 6.8 shall not tip over backward.	Pass
Stability	Adapted from ANSI/BIFMA X5.1)	The chair is loaded with a 60-lb load simulating an occupant and the rear legs are secured to prevent sliding. The chair does not tip over when a 15-lb rearward force is applied to the center of the backrest (for chairs with backs only, not applicable to stools)	Pass
Strength testing			
Arm Strength - Horizontal Load Test	Adapted from ANSI/BIFMA X5.1	The chair is secured in a vertical upright position in a manner such to restrain the	Not applicable

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Test Property	Test Method	Requirements	Internal Use
		seat frame, but not the arms from the	
		movement. Both arms withstand a load	
		of 20-lb applied outwardly on each arm	
		at the most forward section of armrest	
		for 1-min with no structural damage or	
		loss of serviceability and with permanent	
		deflection no greater than 1/2-in	
Arm Strength – Vertical	Adapted from	The chair is secured in a vertical upright	Not applicable
Load Test	ANSI/BIFMA X5.1	position in a manner such to restrain the	
		base, but not the arms from the arm	
		withstands a vertical load of uniformly	
		over a 5-in length alon length of the arm,	
		at the apparen position for 1-min with no	
		eviden damage or loss in serviceability	_
Leg Strength - Front	Adapted from	The chair is placed on its back in such a	Pass
Load Test	ANSI/BIFMA X5.1	way that the top of the chair is not	
		touching the floor and both rear legs are	
		secured. Both front legs withstand a load	
		of 30-lb applied inward to each leg at a	
		point 1-in from the bottom of the leg for	
		1- min with no evidence of permanent	
		deformation or loss in serviceability,	
		including stacking ability if applicable	
		(foldable legs are excluded)	_
Leg Strength - Side	Adapted from	The chair is placed on its side and	Pass
Load Test	ANSI/BIFMA X5.1	secured on the lower part of the front	
		and rear legs. Both front and rear legs	
		withstand a load of 30-lb applied inward	
		to each leg at a point 1-in from the	
		bottom of the leg for 1-min with no	
		evidence of permanent deformation or	
		loss in serviceability, including stacking	
		ability (if applicable)	
Leg Strength – Rear leg	Adapted from	The front legs of the chair are placed on	Pass
test	ANSI/BIFMA X5.1	wood blocks 2.25-in high (3.00-in high if	
		leg stance is over 11-in) with the rear	
		legs unrestricted. The chair withstands a	
		120-lb load applied onto the seat directly	
		over the rear legs and the centerline of	
		the seat for 1-min with no evidence	
		cracks, structural damage, or loss in	
		serviceability.	Dest
Backrest Strength Test	Adapted from	The chair is secured in an upright	Pass
	ANSI/BIFMA X5.1	position in a manner such as to restrain	
		movement of base. All adjustments (as	
		applicable) are set at normal use	
		conditions. The chair withstands a force	

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Test Property	Test Method	Requirements	Internal Use
		of 60-lb applied to the backrest 8-in above the seat (if the backrest is less than 8-in above the seat, the load is applied to the top of the backrest) in the center of the backrest and at 90° to its plane for 1-min with no evidence of structural damage or loss in serviceability and with no loss in functional operability(if applicable)	
Locking/Latching Mechanisms	Actual Use	Erect the product in accordance with the manufacturer's instructions and secure the product without impeding the normal folding motion The chair does not fold when a force of 45-lbf (200 N) is applied to the product in the direction normally associated with folding. Apply the force gradually over a 5-sec period and maintain for an additional 10-sec, repeat this procedure 5 times within a 2-min period With the product in each of the manufacturer's recommended use positions, gradually apply a force of 10-lbf to the locking mechanism in the direction tending to unlock/unlatch it. The locking/latching mechanism does not unlock/unlatch until a minimum force of 10-lbf has been achieved (not required for double action locking/latching devices, or single action devices that are activated simultaneously)	Not applicable
Static Load Test	ASTM F2613	The load shall be applied vertically down to the seating surface over a period of 10s and shall remain in place for 60s. It is permissible to use a fixture to apply the load to the product. The static load shall be applied once. Static test load shall be 3 times the manufacturers maximum recommended weight or 3 times the test weight for the corresponding chair width given in	Pass

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Test Property Test Method **Requirements** Internal Use ASTM F2613 Section 6.7.6.1, Table 1, whichever is greater Load Applied 153lb Fatigue Test **ASTM F2613** The load shall be applied vertically down Pass (Performed on a to the seating surface over a period of separate sample) 2s, held for a period of 5s, and then be totally removed from the product. This cycle shall be repeated for 500 cycles at a rate of 6 cycles per minute. The fatigue test load shall be the manufacturer's maximum recommended weight or the test weight for the corresponding chair width given in ASTM F2613 Section 6.7.6.1, Table 1, whichever is greater Load Applied 153lb Static Load Test Adapted from Withstands a 120-lb load applied to the Pass ANSI/BIFMA X5.4 center of the seat for 24-hrs without collapsing or visible evidence of structural damage such as breaks, fractures, or cracks (if rated load is provided use twice the rated load: but not less than 120-lb and not exceeding 300-lb) Withstands a 90-lb load dropped from Dynamic proof load test Adapted from Pass ANSI/BIFMA X5.1 the height of 6-in onto the seat 1-time, with no evidence of catastrophic failure or structural damage which creates a hazardous condition including small parts, sharp parts, sharp edges, and without disengaging of the folding/ locking / latching mechanism (if provided). The 90 lb load shall be centered side - to - side on the seat and shall be positioned not more than 1/2 inch from the most forward surface of the backrest during free fall. The load shall not contact the backrest during the free fall.

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Test Property	Test Method	Requirements	Internal Use
		deformation of the chair is permissible provided that the preceding requirements are met. These requirements apply to folding chairs with either rigid seating surfaces or sling-type seating surfaces suspended from a frame regardless of whether the available seating width of the chair is limited by a structure such as arm rests.	
Corrosion Resistance	Actual use	Metallic components withstand 7-hrs exposure to 100% relative humidity at 100°F with no major corrosion or other major visual change observed.	Pass
*Colorfastness	AATCC Test Method 8	Fabric does not show noticeable color transfer in dry and wet crocking and exhibits a colorfastness of : Leather and Denim tested to colorfastness Grade 2.0(wet) Grade 3.0 (dry) All other Fabrics tested to colorfastness of Grade 3.0(wet) Grade 4.0 (dry)	Not applicable
*Colorfastness to light	AATCC Test Method 16	Note: Perform this test on all products intended for outdoor us and items labeled fade resistant or similar Wal-Mart USA Department 16 Products Only Fabric or vinyl does not fade excessively when exposed to 80 AFUs of UV light and exhibits a minimum colorfastness of Grade 3.0 Actual Other Products Fabric or vinyl does not fade excessively when exposed to 40 AFUs of UV light and exhibit a minimum colorfastness of Grade 4.0 Actual	Not applicable
*Flame retardants	Standard Measurement	Foam and textile components, when tested separately for penta-BDE, octa- BDE, or deca-BDE, meet one of the following	Not applicable

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Test Property	Test Method	Requirements	Internal Use
		Bromine lever is <300ppm thwn tested using TRFY/N Or if 300ppm or greater is detected When tested using the GC/MS method, penta-BDE, octa-BDE, and deca-BDE levels individually do not exceed 1000ppmY/N Or Documentation dated within 1 year is provided indicating the foam and textile of the product do not contain levels of penta-BDE, octa-BDE, and deca-BDE in excess of 1000ppm individuallyY/N Date	
*Chlorinated Tris(TECEP AND TDCPP)	Standard Measurement	Foam and textile components, when tested separately for Chlorinated TRIS (TCEP or TDCPP) meet one of the following: When tested using the GC/MS method, Chlorinated TRIS (TCEP or TDCPP) levels individually do not exceed 1000ppm , 1000mg/kg Y/N Or Documentation , a passing test report or "Supplier Certification for affected product", dated within 1 year is provided indicating the foam and textiles of the product do not contain level of Chlorinated TRIS (TCEP or TDCPP) in excess of 1000ppm, 1000mg/kg individually Y/N Y/N	Not applicable
*TB 117-2013 Flammability Testing	Standard Measurement	Sample meets following requirements for TB 117-2013 flammability testing. Passing 3 rd party test report from testing facility Y/N	Not applicable
Restricted substances / Child safety	Standard Measurement	Product meets the requirements of Restricted Chemical / Substance and Hazardous Components Testing for	Pass See chemical result

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Test Property	Test Method	Requirements	Internal Use
		Children's product	

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Test Property PHYSICAL CHARACTER Dimensions	Test Method ISTICS Standard Measurement	Requirements Overall: Height Width Depth Desktop:	<u>21.0-29.8</u> in <u>27.8</u> in <u>21.5</u> in	Internal Use / Record only
	Standard	Height Width Depth Desktop:	<u>27.8</u> in	/ Record only
Dimensions		Height Width Depth Desktop:	<u>27.8</u> in	/ Record only
		Desktop:		1
		Height Width Depth	<u>21.0-29.8</u> in <u>27.8</u> in <u>21.5</u> in	
		Hutch: Height Width Depth	<u>5.0</u> in <u>21.5</u> in <u>16.8</u> in	
Weight	Standard Measurement		<u>22.8</u> lb	/ Record only
		Wal-Mart USA Depart meet the requirements supplement workshee 03/24/14)	s of 17-58 weight	
Material	Standard Measurement	Legs/Base	Plastic	/ Record only
		Desk top	Plastic	
		Hutch	Plastic	
		Fasteners	Metal	
CONSTRUCTION QUALIT				
Finish/Workmanship	Visual Check	Free of nicks, burrs, pits, sharp edge, and any other defects which may affect serviceability or appearance of the finished product. Wood is well sanded and free from splits, worm holes, discoloration, saw and machine marks. Nail holes filled and sanded Good overall appearance with good alignment of components.		Pass
Construction	Standard measurement	Wood moisture content (12% or less) Not applica Note: For WM USA products sold in Dept. 14 or Dept 74, 6%minimum to 12% maximum. Not applica		
F	Visual Check	Good rigidity and dura	bility with corner	Pass

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Test Property	Test Method	Requirements	Internal Use
		or lineal bracing provided	
	Visual Check	All metal surfaces are plated, coatedot equivalent to inhibit corrosion.	Pass
	Visual Check	Means to prevent marring and /or scratching floor	Pass
	Visual Check	All drawers (with internal volume equal to or greater than 180-in3(1,161-cm3)) and roll out shelves provide positive stop.	Not applicable
PERFORMANCE TESTIN			
Operability Test	Actual Use	Each drawer, door or roll-out shelf demonstrates smooth and easy operation and withstands 100cycles of opening and closing without any noticeable damage or deformation Drawers(s) Door(s) Roll-out shelf (or shelves)	Pass
		Desk equipment with locks <u>N</u> Y/N Each lock demonstrates adequate and smooth operation during locking /unlocking.	Not applicable
Concentrated Functional load test for primary surface	Actual Use	Withstands a concentrated load of 200- lb (2X200-lb if length is >72-in, or if ganged unit) applied to a primary surface (a surface which has the apparent potential for the highest loading) with no evidence of structural damage or loss of serviceability. Concentrated load is applied for sixty(60) minutes through a 12-in diameter area placed 1-in from the edge, at the apparent weakest point. All extendible elements (such as drawers) shall be uniformly loaded with the distributed functional load and fully opened to the stop for the duration of the test. Keyboard surfaces shall be fully extended (not loaded).	Pass

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Test Property	Test Method	Requirements	Internal Use
Static Load Test – All other surfaces.	Actual Use	Requirements Extendible elements – (Example: Drawers) All extendible elements are uniformly loaded with 0.017-lb/in3 in the fully opened position Weight (mass) Applied Drawer#1 0.017lb/in3 Drawer#2 0.017lb/in3 Drawer#3 0.017lb/in3 Drawer#3 0.017lb/in3 Drawer#4 0.017lb/in3 Drawer#5 0.017lb/in3 Drawer#6 0.017lb/in3 Ib Drawer#6 0.017lb/in3 Drawer#6 0.017lb/in3 Drawer#6 0.017lb/in3 Drawer Ib Drawer The maximum force that opens the drawer (with above load) or door (with no load) from its fully closed position to its fully extended or open position does not exceed 11.2-lb.	Not applicable
		extended (if extendable) as follows for 60 minutes with no evidence of structural damage or loss of serviceability. Secondary Surface /Hutch Top All secondary surfaces are uniformly loaded with 0.017-lb/in3. Calculates the load based on the height of the available space above the surface. The height value for the calculation shall not exceed 12 inches Surface#1lb Surface#2lb Surface#3lb Surface#4lb Surface#5lb Static Load Test (total weight in all the surface)lb Key Board Surface Keyboard width less or equal to 36-in Apply 30-lbY/N Key board width exceed 36-in	Not applicable

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Test Property	Test Method	Requirements	Internal Use
		Apply 4b-lbY/N	
		Equipment Surface	Not applicable
		All equipment surfaces shall be loaded	
		40lb each	
		Surface#1 lb	
		Surface#2	
		Static Load Test	
			Netenslieskie
		Writing Shelf	Not applicable
		All writing shelves shall be loaded 25lb	
		each	
		Surface#1lb	
		Surface#2lb	
		Static Load Test	
		(total weight in all the writing)lb	
Stability	Actual Use	The desk is leveled in its normal	Not applicable
		operating position. Two largest capacity	
		drawers or other extendible members,	
		which when loaded and in use create	
		the least stable condition, are loaded	
		with 0.017-lb/in3 (1.195-g/m3) (or load	
		as applicable if other than drawers ;)	
		See tab below for drawer weight	
		calculator). The third largest drawer or	
		other storage element is loaded to 50%	
		of its capacity and , if extendible, closed.	
		The desk does not tip over when two	
		loaded drawers are extended to their	
		fullest extension and the doors (if	
		provided) are opened to 90° from the	
		closed position, or to the most unstable	
		configuration.	Netenslieshie
		Desk with Hutch	Not applicable
		Total height of desk and hutch is higher	
		than 42-in (1.067-m)Y/N	
		Addition of the failer of the state of the state	
		Withstands the following test with no tip	
		over, dislodging of the desk and hutch	
		assembly , or sudden and major change	
		in structural integrity. Horzontal force is	
		gradually applied through the center of	
		an 8-in (20.32-cm) diameter disk until	
		40-lb (177.93-N) is reached , or the	
		product tilts to 10°, whichever occurs	
		first. The force is applied to the following	
		locations 54-in (1.372-m) from the floor	
		or 4-in (10.16-cm) down from the hutch	

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Test Property	Test Method	Requirements	Internal Use
Test Property Leg Strength	Actual Use	Requirements top, whichever is lower; Front, left side Front, right side Back, Left side Back, right side Center of the left side Center of the right side Inward Force The table is positioned on its top and secured in place. Each leg/side panel/ T-leg withstands a horizontal force equal to half of the unit weight (not to exceed 100-lb or 45.36-kg) for one(1) minute, applied inward in line with the unit top leading edge followed by an inward force applied in line with the unit top side edge with no evidence of structural damage or loss in consumer serviceability Force applied 11.46lb Outward Force The table is positioned on its top and secured in place. Each leg/side panel/ T-leg withstands a horizontal force equal to one-half of the force applied in "In ward Force test" (above) for one(1) minute, applied outward in line with the unit top leading edge followed by an outward force applied in line with the unit top leading edge followed by an	Internal Use Pass Pass
		structural damage or loss in consumer serviceability Force applied <u>5.73</u> lb	
Hinged Door Strength	Actual Use	Door Height Vertically hinged door demonstrates no loosening of the hinges or any other loss of serviceability when an appropriate load is equally distributed on both sides of the door with its center of gravity acting 4 in (10cm) from the edge of the door opposite the hinge. The door is cycled ten (10) times from a position 45° from fully closed to a position 10 ° from fully opened (but not more than 135°) and returned. Door Height Load	Not applicable

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Test Property Internal Use Test Method **Requirements** Less than 18in (46cm) 22lbs(10kg) Equal to 18in(46cm) or greater 44lbs(20kg) Load applied _____lb ANALYTICAL (Voluntary chemical testing) USA *Lead content in paint 16 CFR 1303 Lead content: ≤90ppm Pass or other similar surface See chemical result coating materials Canada Surface Coating Materials SOR/2005-*Lead and Mercury Acid digestion/ICP Not applicable Content in Surface or AAS 109 and its amendment SOR/2010-224: Coating Materials Lead content: ≤90mg/kg Mercury content: ≤10mg/kg

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Chemical result: Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA14-248783.001	Brown paper box
SN2	SHA14-248783.002	Transparent plastic film with adhesive
SN3	SHA14-248783.003	White foam film
SN4	SHA14-248783.004	Transparent plastic film
SN5	SHA14-248783.005	White foam
SN6	SHA14-248783.006	White paper with black(instruction book)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

TPCH - Toxics in Packaging Clearinghouse (formerly CONEG)

Test Method : Sample digestion. Analysis of Cadmium, Lead, Mercury were performed by ICP-OES. Analysis of Hexavalent Chromium (Cr (VI)) was performed by UV-Vis.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Lead (Pb)	-	mg/kg	5	6	ND	ND
Hexavalent Chromium (CrVI)	-	mg/kg	5	ND	ND	ND
Cadmium (Cd)	-	mg/kg	5	ND	ND	ND
Mercury (Hg)	-	mg/kg	5	ND	ND	ND
Total (Pb + Cd + Cr VI + Hg)	100	mg/kg	-	6	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>	<u>005</u>	<u>006</u>
Lead (Pb)	-	mg/kg	5	ND	ND	ND
Hexavalent Chromium (CrVI)	-	mg/kg	5	ND	ND	ND
Cadmium (Cd)	-	mg/kg	5	ND	ND	ND
Mercury (Hg)	-	mg/kg	5	ND	ND	ND
Total (Pb + Cd + Cr VI + Hg)	100	mg/kg	-	ND	ND	ND
Notos ·						

Notes :

(1) The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.





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SHA14-248783.001



SHA14-248783.002



SHA14-248783.003

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SHA14-248783.004



SHA14-248783.005



SHA14-248783.006

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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA15-000104.001	Transparent plastic valve bag
SN2	SHA15-000104.002	Transparent plastic bag with black

Remarks :

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

TPCH - Toxics in Packaging Clearinghouse (formerly CONEG)

Test Method : Sample digestion. Analysis of Cadmium, Lead, Mercury were performed by ICP-OES. Analysis of Hexavalent Chromium (Cr (VI)) was performed by UV-Vis.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Lead (Pb)	-	mg/kg	5	ND	ND
Hexavalent Chromium (CrVI)	-	mg/kg	5	ND	ND
Cadmium (Cd)	-	mg/kg	5	ND	ND
Mercury (Hg)	-	mg/kg	5	ND	ND
Total (Pb + Cd + Cr VI + Hg)	100	mg/kg	-	ND	ND

Notes :

(1) The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.



SHA15-000104.001

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SHA15-000104.002

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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA14-249148.001	White coating(frame)
SN2	SHA14-249148.002	Black coating with white(frame)
SN3	SHA14-249148.003	White coating on wood(desk)
SN4	SHA14-249148.004	Colorful coating on wood(desk)
SN5	SHA14-249148.005	Colorful paper sticker
SN6	SHA14-249148.006	Black soft plastic foot pad(round)
SN7	SHA14-249148.007	Pink soft plastic(desk)
SN8	SHA14-249148.008	Green soft plastic(desk)
SN9	SHA14-249148.009	Blue soft plastic(desk)
SN10	SHA14-249148.010	Black plastic end cap
SN11	SHA14-249148.011	Pink plastic end cap
SN12	SHA14-249148.012	Pink plastic pad(chair)
SN13	SHA14-249148.013	Green plastic pad(chair)
SN14	SHA14-249148.014	Blue plastic pad(chair)
SN15	SHA14-249148.015	Brown plastic(desk)
SN16	SHA14-249148.016	Transparent plastic washer
SN17	SHA14-249148.017	Metal frame without coating
SN18	SHA14-249148.018	Silvery blue metal screw(big)
SN19	SHA14-249148.019	Silvery blue metal screw(small)
SN20	SHA14-249148.020	Silvery blue metal washer(frame)
SN21	SHA14-249148.021	Silvery blue metal bolt
SN22	SHA14-249148.022	Silvery metal hinge(desk)
SN23	SHA14-249148.023	Silvery metal screw(desk)
SN24	SHA14-249148.024	Silvery metal rivet(desk)
SN25	SHA14-249148.025	Silvery metal sheet(desk)
SN26	SHA14-249148.026	Silvery metal rod(desk)
SN27	SHA14-249148.027	Silvery metal tube(desk)
SN28	SHA14-249148.028	Silvery metal hook

Remarks :

(1) 1 mg/kg = 0.0001%

- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

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<u>Part 1303, Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety</u> <u>Commission of U.S.A. requirement-Lead</u>

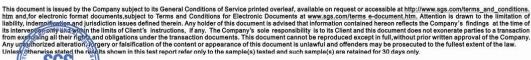
Test Method : With reference to CPSC Test Method: CPSC-CH-E1003-09.1, analysis was performed by AAS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Lead (Pb)	0.009	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>		
Lead (Pb)	0.009	%	0.002	ND		
Conclusion				PASS		

Phthalate content

Test Method : With reference to CPSC-CH-C1001-09.3, analysis was performed by GC-MS

<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Dibutyl Phthalate (DBP)	84-74-2	0.1	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.01	ND	ND	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	0.1	%	0.003	ND	ND	ND
Conclusion					PASS	PASS	PASS





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<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Dibutyl Phthalate (DBP)	84-74-2	0.1	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	ND	0.009	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.01	ND	ND	ND
Di-n-hexyl Phthalate (DnHP) Conclusion	84-75-3	0.1	%	0.003	ND PASS	ND PASS	ND PASS
<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>007</u>	<u>008</u>	<u>009</u>
Dibutyl Phthalate (DBP)	84-74-2	0.1	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.01	ND	ND	ND
Di-n-hexyl Phthalate (DnHP) Conclusion	84-75-3	0.1	%	0.003	ND PASS	ND PASS	ND PASS

Notes :

(1) The maximum permissible limit is quoted from the client requirement

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California Bill AB 1108 : 2007 - Phthalates

Test Method : With reference <u>Test Item(s)</u>	to CPSC-CH-C	1001-09.3, a <u>Limit</u>	ınalysis wa <u>Unit</u>	as perfor <u>MDL</u>	med by G <u>001</u>	C-MS <u>002</u>	<u>003</u>
1. For all toys and childcare articles							
Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP)	84-74-2 85-68-7	0.1 0.1	% %	0.003 0.003	ND ND	ND ND	ND ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	ND	ND	ND
2. For any toy or childcare article intended for use by a child under three years of age that product	if						
<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
can be placed in the child's mouth							
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.01	ND	ND	ND
Diisodecyl Phthalate (DIDP) Conclusion		0.1	%	0.01	ND PASS	ND PASS	ND PASS
Conclusion Test Item(s)		0.1 <u>Limit</u>	% <u>Unit</u>	0.01 <u>MDL</u>			
Conclusion	/68515-49-1				PASS	PASS	PASS
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP)	/68515-49-1	<u>Limit</u> 0.1	<u>Unit</u> %	<u>MDL</u> 0.003	PASS <u>004</u> ND	PASS <u>005</u> ND	PASS <u>006</u> ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP)	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP)	/68515-49-1 <u>CAS NO.</u> 84-74-2	<u>Limit</u> 0.1	<u>Unit</u> %	<u>MDL</u> 0.003	PASS <u>004</u> ND	PASS <u>005</u> ND	PASS <u>006</u> ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP) 2. For any toy or childcare	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP) 2. For any toy or childcare article intended for use by a	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7 117-81-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP) 2. For any toy or childcare article intended for use by a child under three years of age can be placed in the child's	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7 117-81-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP) 2. For any toy or childcare article intended for use by a child under three years of age can be placed in the child's that product	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7 117-81-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND
Conclusion <u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP) 2. For any toy or childcare article intended for use by a child under three years of age can be placed in the child's	/68515-49-1 <u>CAS NO.</u> 84-74-2 85-68-7 117-81-7	<u>Limit</u> 0.1 0.1	<u>Unit</u> % %	MDL 0.003 0.003	PASS <u>004</u> ND ND	PASS <u>005</u> ND ND	PASS <u>006</u> ND ND

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<u>Test Item(s)</u> Diisodecyl Phthalate (DIDP)	<u>CAS NO.</u> 26761-40-0 /68515-49-1	<u>Limit</u> 0.1	<u>Unit</u> %	<u>MDL</u> 0.01	<u>004</u> ND	<u>005</u> ND	<u>006</u> ND		
Conclusion					PASS	PASS	PASS		
<u>Test Item(s)</u> 1. For all toys and childcar	<u>CAS NO.</u> e	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>007</u>	<u>008</u>	<u>009</u>		
articles									
Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP)	84-74-2 85-68-7 117-81-7	0.1 0.1 0.1	% % %	0.003 0.003 0.003	ND ND ND	ND ND ND	ND ND ND		
2. For any toy or childcare article intended for use by child under three years of can be placed in the child's that product mouth	age if								
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND		
Di-n-octyl Phthalate (DNOP) Diisodecyl Phthalate (DIDP)	26761-40-0	0.1 0.1	% %	0.003 0.01	ND ND	ND ND	ND ND		
Conclusion	/68515-49-1				PASS	PASS	PASS		
CPSIA section 101(f) - Lead in paint/similar surface coating material Test Method : CPSC Test Method: CPSC-CH-E1003-09.1 'Standard Operation Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'.									
<u>Test Item(s)</u>		<u>Limit</u>	<u>Unit</u> ∞∕	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>		

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Lead (Pb)	0.009	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>		
Lead (Pb)	0.009	%	0.002	ND		
Conclusion				PASS		

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<u>CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal</u> Jewelry)(Metal)

Test Method : CPSC Test Method: CPSC-CH-E1001-08.1 'Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)'.

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>017</u> ND PASS	<u>018</u> ND PASS	<u>019</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>020</u> 0.0037 PASS	<u>021</u> ND PASS	<u>022</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>023</u> ND PASS	<u>024</u> 0.0034 PASS	<u>025</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>026</u> ND PASS	<u>027</u> ND PASS	<u>028</u> ND PASS

Notes :

(1) Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR2715, 112th Congress) amending CPSIA)

<u>CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal</u> Jewelry)

(Non Metal)

Test Method : CPSC Test Method: CPSC-CH-E1002-08.1 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>005</u>	<u>006</u>	<u>007</u>
Lead (Pb)	0.01	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>008</u>	<u>009</u>	<u>010</u>
Lead (Pb)	0.01	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>011</u>	<u>012</u>	<u>013</u>	
Lead (Pb)	0.01	%	0.002	ND	ND	ND	
Conclusion				PASS	PASS	PASS	
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>014</u>	<u>015</u>	<u>016</u>	
Lead (Pb)	0.01	%	0.002	ND	ND	ND	
Conclusion				PASS	PASS	PASS	

Notes :

(1) Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)





SHA14-249148.002

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SHA14-249148.003



SHA14-249148.004



SHA14-249148.005

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SHA14-249148.006



SHA14-249148.007



SHA14-249148.008

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SHA14-249148.009



SHA14-249148.010



SHA14-249148.011

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No.: SHHG1412047293FT-01

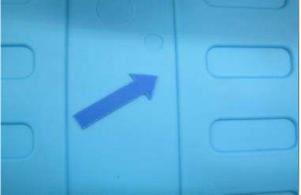
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SHA14-249148.012



SHA14-249148.013



SHA14-249148.014

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SHA14-249148.015



SHA14-249148.016



SHA14-249148.017

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SHA14-249148.018



SHA14-249148.019



SHA14-249148.020

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SHA14-249148.021



SHA14-249148.022

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SHA14-249148.023



SHA14-249148.024



SHA14-249148.025

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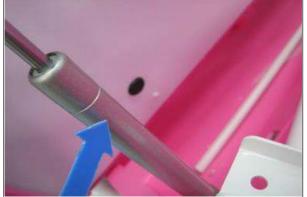


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SHA14-249148.026



SHA14-249148.027



SHA14-249148.028

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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA15-000586.001	Colorful paper sticker
SN2	SHA15-000586.002	Black soft plastic foot pad(round)
SN3	SHA15-000586.003	Pink soft plastic(desk)
SN4	SHA15-000586.004	Green soft plastic(desk)
SN5	SHA15-000586.005	Blue soft plastic(desk)
SN6	SHA15-000586.006	Black plastic end cap
SN7	SHA15-000586.007	Pink plastic end cap
SN8	SHA15-000586.008	Pink plastic pad(chair)
SN9	SHA15-000586.009	Green plastic pad(chair)
SN10	SHA15-000586.010	Blue plastic pad(chair)
SN11	SHA15-000586.011	Brown plastic(desk)
SN12	SHA15-000586.012	Transparent plastic washer

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

California Bill AB 1108 : 2007 - Phthalates

Test Method : With reference to CPSC-CH-C1001-09.3, analysis was performed by GC-MS

<u>Test Item(s)</u> 1. For all toys and childcare articles	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Dibutyl Phthalate (DBP)	84-74-2	0.1	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	0.010	ND	ND

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Test Report	No.: SHHG1412047	293FT-01	Date: JAN. 23, 2015			Page: 40 of 49	
<u>Test Item(s)</u> 2. For any toy or childcare article intended for use by a child under three years of ag can be placed in the child's that product mouth	<u>CAS NO.</u> le if	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP) Diisodecyl Phthalate (DIDP)	117-84-0 26761-40-0	0.1 0.1	% %	0.003 0.01	ND ND	ND ND	ND ND
Conclusion	/68515-49-1				PASS	PASS	PASS
<u>Test Item(s)</u> 1. For all toys and childcare articles Dibutyl Phthalate (DBP) Benzylbutyl Phthalate (BBP) Bis-(2-ethylhexyl) Phthalate (DEHP)	<u>CAS NO.</u> 84-74-2 85-68-7 117-81-7	<u>Limit</u> 0.1 0.1 0.1	Unit % % %	<u>MDL</u> 0.003 0.003 0.003	<u>004</u> ND ND ND	<u>005</u> ND ND ND	
2. For any toy or childcare article intended for use by a child under three years of ag can be placed in the child's that product mouth	e if						
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.01	ND	ND	
Di-n-octyl Phthalate (DNOP) Diisodecyl Phthalate (DIDP)	117-84-0 26761-40-0	0.1 0.1	% %	0.003 0.01	ND ND	ND ND	
Conclusion	/68515-49-1				PASS	PASS	

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Phthalate content

Test Report

Test Method : With reference to CPSC-CH-C1001-09.3, analysis was performed by GC-MS

Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	003
Dibutyl Phthalate (DBP)	84-74-2	0.1	<u>onn</u> %	0.003	<u>007</u> ND	<u>002</u> ND	<u>000</u> ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	ND
		-					
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%	0.003	0.010	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0	0.1	%	0.01	ND	ND	ND
	/68515-48-0						
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0	0.1	%	0.01	ND	ND	ND
	/68515-49-1						
Di-n-hexyl Phthalate (DnHP)	84-75-3	0.1	%	0.003	ND	ND	ND
Conclusion					PASS	PASS	PASS
<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>	<u>005</u>	
Dibutyl Phthalate (DBP)	84-74-2	0.1	%	0.003	ND	ND	
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%	0.003	ND	ND	
Bis-(2-ethylhexyl) Phthalate	117-81-7	0.1	%	0.003	ND	ND	
(DEHP)							
Diisononyl Phthalate (DINP)	28553-12-0	0.1	%	0.01	ND	ND	
	/68515-48-0						
Di-n-octyl Phthalate (DNOP)	117-84-0	0.1	%	0.003	ND	ND	
Diisodecyl Phthalate (DIDP)	26761-40-0	0.1	%	0.01	ND	ND	
	/68515-49-1						
Di-n-hexyl Phthalate (DnHP)	84-75-3	0.1	%	0.003	ND	ND	
Conclusion					PASS	PASS	

Notes :

(1) The maximum permissible limit is quoted from the client requirement

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American Society for Testing and Materials -ASTM F 963-11 - soluble heavy metal in Substrate Materials/paint and similar surface-coating materials

Test Method : Soluble Heavy Metal contents (Clause 4.3.5) - Sample was extracted by dilute hydrochloric acid in accordance with ASTM F 963-11(Clause 8.3), analysis was performed by ICP-OES.

Test Item (a)	Linnit	Linit		000	007	000
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>006</u> ND	<u>007</u> ND	<u>008</u> ND
Soluble Lead (Pb)	90	mg/kg	5			
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>006</u>	<u>007</u>	<u>008</u>
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>009</u>	<u>010</u>	<u>011</u>
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>012</u>		
Soluble Lead (Pb)	90	mg/kg	5	ND		
Soluble Antimony (Sb)	60	mg/kg	5	ND		
Soluble Arsenic (As)	25	mg/kg	2.5	ND		
Soluble Barium (Ba)	1000	mg/kg	10	ND		
Soluble Cadmium (Cd)	75	mg/kg	5	ND		
Soluble Chromium (Cr)	60	mg/kg	5	ND		
Soluble Mercury (Hg)	60	mg/kg	5	ND		
Soluble Selenium (Se)	500	mg/kg	10	ND		
Notes :		_				

(1) Results shown are of the adjusted analytical results

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SHA15-000586.001



SHA15-000586.002



SHA15-000586.003

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SHA15-000586.004



SHA15-000586.005



SHA15-000586.006

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SHA15-000586.007



SHA15-000586.008



SHA15-000586.009

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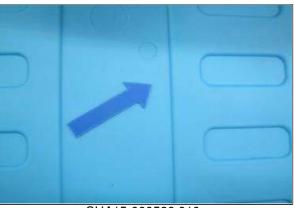
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Sample Photo:

Received sample (Aqua table)



Received sample (Aqua chair side view)



Received sample (Pink table)





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Received sample (Pink chair front view)



Received sample (Green table)



Received sample (Pink chair side view)



Received sample (Green chair front view)



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Received sample (Green chair side view)



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End of Report

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