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SKY CASTLE TOYS, LLC 1455 NW LEARY WAY, SUITE 400, SEATTLE, WA 98107, USA

Sample Description: LETSGLOW STUDIO, LETS GLOW STUDIO GLOVES ACCESSORY PACK,

> LETSGLOW STUDIO HAIR ACCESSORY PACK, LETSGLOW STUDIO STICKER ACCESSORY PACK, LETSGLOW STUDIO ASSORT. ACCESSORY PACK

LG3360, LG3361H, LG3361H-CDU, LG3361G, LG3361G-CDU, LG3361S, Style No(s):

LG3361S-CDU, LG3361MIX, LG3361MIX-CDU

Vendor: DONGGUAN HUI HENG Sample Size:

PLASTIC PRODUCT CO., LTD

Manufacturer: SKY CASTLE TOYS, LLC SKN/SKU No.: **NOT PROVIDE** Labeled Age Grade: AGES 8+ PO No.: **NOT PROVIDE NOT PROVIDE** Appropriate Age Grade: **NOT REQUESTED** Ref #: Country of Origin: **CHINA**

Client Specified Age

Grade:

UPC Code:

Tested Age Grade: **OVER 8 YEARS OF AGE**

N/A

Country of Destination: US

NOT PROVIDE Assortment No.: Further Information Date: APR 2, 2021

Test Starting Date: MAR 29, 2021 Test Finished Date: APR 8, 2021

BUREAU VERITAS SHENZHEN CO.,LTD

DONGGUAN BRANCH

Harvey Xue

Manager, Analytical Lab

BUREAU VERITAS SHENZHEN CO.,LTD

DONGGUAN BRANCH

Xuechao Li

Supervisor, Toys Lab

RT/ Bing Wang

REMARK

If there are questions or concerns on this report, please contact the following persons:

(86) 0769 89952999 Ext. 8175 Report Enquiry: CPSAnalytical.DG@bureauveritas.com

Business Contact: (86) 0769 85893595

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EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

- The mechanical hazards requirements of ASTM F963-17, "Standard consumer safety specification for toy safety".
- The labeling requirements of ASTM F963-17, "Standard consumer safety specification for toy safety".
- The flammability requirement of solids under ASTM F963-17 section 4.2 according to Annex A5, "Flammability testing procedure for solids and soft toys".
- The battery-operated toys test requirements of ASTM F963-17, "Standard consumer safety specification for toy safety", Section 4.25 (exclude 4.25.10).
- The tracking label requirement of the Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking Labels for Children's Products.
- The fabric are exempt from flammability testing in accordance with ASTM F963-17 section 4.2 according to Annex A6 due to size < 2X6inch.
- The total lead content in surface coating requirements of ASTM F963-17, "Standard consumer safety specification for toy safety", Section 4.3.5.1(1).
- The total lead content in substrate requirements of ASTM F963-17, "Standard consumer safety specification for toy safety", Section 4.3.5.2(2)(a).
- The soluble heavy metals content in surface coating requirements of ASTM F963-17, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.1(2).
- The soluble heavy metals content in substrate requirements of ASTM F963-17, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.2(2)(b).
- The total lead content of 90ppm requirements in surface coating (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307).
- The total lead content requirements in children products according to the California Proposition 65 settlements of Alameda Superior Court RG 07356892.
- The BBP, DBP, DEHP, DnHP and DIDP content requirements in toys, child care articles and watches according to the California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050.
- The total lead content of surface coating requirements of Illinois Statutes, 410 ILCS 45 Lead Poisoning Prevention Act with Amendments up to Public Act 098-0690, Section 6(b).

Note: At the request of the client, the sample(s) was evaluated for use by children 8+.

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.



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Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1001	Grey coating	Surface	-
1002	White coating	Surface	-
1003	Green coating	Surface of board	-
1004	Dark silver coating	Belt	-
1005	Black plastic	Star	-
1006	Green plastic	Star	-
1007	White fabric with adhesive	Fabric	-
1008	White PVC	Wire jacket	-
1009	Off-white PVC	Case of changer	-
I010	Mett white PVC	Small case of changer	-
I011	Black soft plastic	Elastic band	-
I012	White plastic	Case	-
1013	Black plastic	Button	-
I014	Black foam with adhesive	Gasket	-
I015	Grey coated white fabric with glue	Stripe	-
I016	Green plastic	Glasses	-
1017	Black plastic	Remote control	-
I018	Transparent plastic	LED	-
1019	Clear laminated multi-color printed white plastic with adhesive	Button panel	
1020	Silver printed white fabric	Glove	-
1021	Silvery metal	Shaft & spring	-
1022	Black plated silvery metal	Screw	-



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RESULTS:

Remark:

The result of test item 001 stated in this report was (were) transferred from test item 001 in BV(Dong guan) report No.(8821)005-0099(R1) dated on Jan 19, 2021 by client's request.

The result of test item 002 stated in this report was (were) transferred from test item 001 in BV(Dong guan) report No.(8821)021-0012 dated on Jan 27, 2021 by client's request.

The result of test item 003 stated in this report was (were) transferred from test item 001 in BV(Dong guan) report No.(8821)071-0012 dated on Mar 18, 2021 by client's request.

The result of test item 004 stated in this report was (were) transferred from test item 001 in BV(Dong guan) report No.(8821)074-0064 dated on Mar 30, 2021 by client's request.

The result of test item 005, 006 stated in this report was (were) transferred from test item 002, 003 in BV(Dong guan) report No.(8821)021-0012 dated on Jan 27, 2021 by client's request.

The result of test item 007 stated in this report was (were) transferred from test item 002 in BV(Dong guan) report No.(8821)022-0064 dated on Feb 1, 2021 by client's request.

The result of test item 008, 009, 010 stated in this report was (were) transferred from test item 002, 003, 004 in BV(Dong guan) report No.(8821)071-0012 dated on Mar 18, 2021 by client's request.

The result of test item 011 stated in this report was (were) transferred from test item 006 in BV(Dong guan) report No.(8821)074-0064 dated on Mar 30, 2021 by client's request.

The result of test item 012, 013, 014, 015 stated in this report was (were) transferred from test item 003, 004, 005, 006 in BV(Dong guan) report No.(8821)012-0018 dated on Jan 26, 2021 by client's request.

The result of test item 016, 017, 018, 019 stated in this report was (were) transferred from test item 001, 002, 003, 004 in BV(Dong guan) report No.(8821)029-0009 dated on Mar 4, 2021 by client's request.

The result of test item 020 stated in this report was (were) transferred from test item 002 in BV(Dong guan) report No.(8821)074-0064 dated on Mar 30, 2021 by client's request.

The result of test item 021 stated in this report was (were) transferred from test item 007 in BV(Dong guan) report No.(8821)012-0018 dated on Jan 26, 2021 by client's request.

The result of test item 022 stated in this report was (were) transferred from test item 005 in BV(Dong guan) report No.(8821)029-0009 dated on Mar 4, 2021 by client's request.



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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-17, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note: The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note: If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products

Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.



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RESULTS:

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-17)

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	N/A
4.7	Accessible Edges	N/A
4.8	Projections	N/A
4.9	Accessible Points	N/A
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	М
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, Clearances 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 (exclude Section 4.25.10 Battery-powered ride-on toys)	М
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.30	Toy Gun Marking	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.34	Small Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A



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RESULTS:

LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-17)

Section	Requirement	Result
5.4 & 5.3	Aquatic Toys	N/A
5.5 & 5.3	Crib and Playpen Toys	N/A
5.6 & 5.3	Mobiles	N/A
5.7 & 5.3	Stroller and Carriage Toys	N/A
5.8 & 5.3	Toys Intended to be Assembled by an Adult	N/A
5.9 & 5.3	Simulated Protective Devices	N/A
5.10 & 5.3	Toys with Functional Sharp Edges or Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16CFR1500.86)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	M
5.15	Battery-Operated Toys (exclude 5.15.1 and 5.15.2)	N/A
5.15.1 & 5.3	Battery-Powered Ride-On Toys	N/A
5.15.2 & 5.3	Button or Coin Cell Batteries	M
5.16	Promotional Materials	M
5.17 & 5.3	Magnets	N/A
6.1	Definition and Description	M
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4 & 5.3	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
7.1	Producer's Name and Address	М
7.2	Battery-Powered Ride-on Toys	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT = Not Test

FLAMMABILITY (16 CFR SECTION 1500.3(c)6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Most rapid burn rate less than 0.1 of an inch per second.



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RESULTS:

Total Lead Content in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(1)

Test Method : ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Maximum
Allowable Limit : 90 mg/kg

Toot Itom(a)	Result	Unit	Conclusion	
Test Item(s)	Total Lead (Pb)	Offic	Conclusion	
1001	ND	mg/kg	PASS	
1002	ND	mg/kg	PASS	
1003	ND	mg/kg	PASS	
1004	ND	mg/kg	PASS	

Note / key:



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RESULTS:

Total Lead Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(a)

Test Method : ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Maximum
Allowable Limit : 100 mg/kg

Toot Itom (a)	Result	Unit	Conclusion
Test Item(s)	Total Lead (Pb)	Unit	Conclusion
1005+1006	ND	mg/kg	PASS
1007	ND	mg/kg	PASS
1008+1009+1010	ND	mg/kg	PASS
1012+1013+1014	ND	mg/kg	PASS
I015	ND	mg/kg	PASS
1016+1017+1018	ND	mg/kg	PASS
I019	30	mg/kg	PASS
1020	ND	mg/kg	PASS
1021	ND	mg/kg	PASS
1022	ND	mg/kg	PASS

Note / key:



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RESULTS:

Soluble Heavy Metals Content in Surface Coating -ASTM F963-17, Section 4.3.5.1(2)

Test Method : ASTM International Standard ASTM F963-17, Section 8.3.2 to 8.3.4

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit (mg/kg)	25	1000	75	60	60	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60

Analyte	As	Ва	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Test Item(s)				Result	(mg/kg)				(g)	
1001	ND	860	ND	ND	ND	ND	22	ND	-	PASS
1002	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1003	ND	ND	ND	ND	ND	ND	ND	ND	0.898	PASS
1004	ND	660	ND	ND	ND	ND	18	ND	-	PASS

Note / key:

ND = Not detected g = gram(s) % = percent

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg): As: 2.5; Ba: 100; Cd: 7.5; Each (Cr, Hg, & Sb): 6.0; Pb: 9.0; Se: 50



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RESULTS:

Soluble Heavy Metals Content in Substrate -ASTM F963-17, Section 4.3.5.2(2)(b)

Test Method : ASTM International Standard ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3))

Analyte	As	Ва	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit Type I (mg/kg)	25	1000	75	60	60	90	60	500
Max. Limit Type II (mg/kg)	25	250	50	25	25	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60

Analyte	As	Ва	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Test Item(s)				Result	(mg/kg)				(g)	
Type I: Substra	ate other	than mod	leling clay	/						
1005	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1006	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1007	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I011	ND	320	ND	ND	ND	ND	ND	ND	-	PASS
1012	ND	ND	ND	ND	ND	ND	6	ND	-	PASS
1013	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1014	ND	ND	ND	ND	ND	ND	ND	ND	0.0997	PASS
1015	ND	130	ND	ND	ND	ND	ND	ND	-	PASS
1016	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1017	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1018	ND	ND	ND	ND	ND	ND	ND	ND	0.0314	PASS
1019	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
1020	ND	120	ND	ND	ND	ND	ND	ND	-	PASS

Note / key:

ND = Not detected g = gram(s) % = percent

mg/kg = milligram(s) per kilogram (ppm=parts per million)

Detection Limit (mg/kg):

For Type I – As : 2.5; Ba : 100; Cd : 7.5; Each (Cr, Hg, & Sb) : 6.0; Pb : 9.0; Se : 50 For Type II – Each (As, Cr & Hg) : 2.5; Ba : 25; Cd : 5.0; Sb : 6.0; Pb : 9.0; Se : 50

Remark:

 Textiles (natural or synthetic) are exempted for lead content requirement according to clarification of Toy Industry Association for ASTM F963-17. The lead content analysis result of corresponding material herein is for client's reference only.



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RESULTS:

Total Lead Content in Surface Coating – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(f)

Test Method : U.S. CPSC-CH-E1003-09.1:2011

Maximum Allowable Limit:	90 mg/kg		

Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
1001	ND	mg/kg	PASS
1002	ND	mg/kg	PASS
1003	ND	mg/kg	PASS
1004	ND	mg/kg	PASS

Note / key:



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RESULTS:

Total Lead Content in Substrate Materials – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(a)(2)

Test Method : U.S. CPSC-CH-E1002-08.3:2012 and U.S. CPSC-CH-E1001-08.3:2012

Ī	Maximum	100 ma/ka
	Allowable Limit:	Too mg/kg

Test Item(s)	Result Total Lead (Pb)	Unit	Conclusion
	, ,		
1005+1006	ND	mg/kg	PASS
1007	ND	mg/kg	PASS
1008+1009+1010	ND	mg/kg	PASS
1012+1013+1014	ND	mg/kg	PASS
1015	ND	mg/kg	PASS
1016+1017+1018	ND	mg/kg	PASS
1019	30	mg/kg	PASS
1020	ND	mg/kg	PASS
1021	ND	mg/kg	PASS
1022	ND	mg/kg	PASS

Note / key:



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RESULTS:

PHTHALATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	DINP	DIBP	DPENP	DHEXP	DCHP	
restraiameter.	וטט	וטטו	DLIII	DIN	וטוט	DI LIVI	DITEXT	DOIT	_
Limit (%):	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)				Resi	ult (%)				Conclusion
I001	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1002	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1003	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1004	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1005+1006	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1008+1009+1010	ND	ND	ND	ND	ND	ND	ND	ND	PASS
I016+I017+I018	ND	ND	ND	ND	ND	ND	ND	ND	PASS
I019	ND	ND	ND	ND	ND	ND	ND	ND	PASS
1020	ND	ND	ND	ND	ND	ND	ND	ND	PASS

Note / key:

DEHP = Di(2-ethylhexyl) phthalate DHEXP(DnHP) = Di-n-hexyl phthalate DPENP(DnPP) = Di-n-pentyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram Detection Limit (%) : Each 0.005 DBP = Dibutyl phthalate
DIBP = Di-iso-butyl phthalate
DCHP = Dicyclohexyl phthalate

% = percent

BBP = Butyl benzyl phthalate DINP = Di-iso-nonyl phthalate

10000 mg/kg = 1 %



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RESULTS:

Total Lead Content in Children Products (California Proposition 65 settlements of Alameda Superior court RG 07356892)

Test Method : EPA 3050B (Mod) / EPA 3051A (Mod)

ſ		T .	
	Maximum	Type I	Paint and surface coatings: 90 mg/kg
	Allowable Limit:	Type II	Substrate materials: 100 mg/kg

Test Item(s)	Туре	Result Total Lead (Pb)	Unit	Conclusion
1001	1	ND	mg/kg	PASS
1002	I	ND	mg/kg	PASS
1003	I	ND	mg/kg	PASS
1004	I	ND	mg/kg	PASS
1005+1006	II	ND	mg/kg	PASS
1007	II	ND	mg/kg	PASS
1008+1009+1010	II	ND	mg/kg	PASS
1012+1013+1014	II	ND	mg/kg	PASS
1015	II	ND	mg/kg	PASS
I016+I017+I018	II	ND	mg/kg	PASS
1019	II	30	mg/kg	PASS
1020	II	ND	mg/kg	PASS
1021	II	ND	mg/kg	PASS
1022	II	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram Detection Limit (mg/kg) : 10



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RESULTS:

BBP/DBP/DEHP/DnHP/DIDP Phthalates Content Requirements in Toys, Child Care Articles and Watches – California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	DnHP	DIDP	_	
Limit (%):	0.1	0.1	0.1	0.1	0.1	-	
Test Item(s)		Result (%)					
1001	ND	ND	ND	ND	ND	PASS	
1002	ND	ND	ND	ND	ND	PASS	
1003	ND	ND	ND	ND	ND	PASS	
1004	ND	ND	ND	ND	ND	PASS	
1005+1006	ND	ND	ND	ND	ND	PASS	
1008+1009+1010	ND	ND	ND	ND	ND	PASS	
I016+I017+I018	ND	ND	ND	ND	ND	PASS	
l019	ND	ND	ND	ND	ND	PASS	
1020	ND	ND	ND	ND	ND	PASS	

Note / key:

BBP = Butyl benzyl phthalate

DnHP = Di-n-hexyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram Detection Limit (%) : Each 0.005 DBP = Dibutyl phthalate DIDP = Di-iso-decyl phthalate

% = percent

DEHP = Di(2-ethylhexyl) phthalate

10000 mg/kg = 1 %



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RESULTS:

Total Lead Content in Surface Coating - Illinois Statutes, 410 ILCS 45 Lead Poisoning Prevention Act with Amendments up to Public Act 098-0690, Section 6(b)

Test Method : Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled

Plasma Spectrometry.

Maximum Allowable Limit :	40 mg/kg		

Toot Itom(a)	Result	Unit	Conclusion
Test Item(s)	Total Lead (Pb)	Offic	
1001	ND	mg/kg	PASS
1002	ND	mg/kg	PASS
1003	ND	mg/kg	PASS
1004	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg): 10

Remark:

This report is to Supersede BV(Dong guan) report No. (8821)038-0039(A) dated on Apr 2, 2021.



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RESULTS:







END OF REPORT