





Applicant: Golden Wheel Die Casting Factory Limited.

Contact information: LG 24, Houston Center, 63 Mody Road, TST East, Kowloon, Hong Kong.

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

Sample Description : Golden Wheel Monster Wheel Hauler Playset

Item No. : Please refer to next page(s).

Requested Age Grading : 3+

Sample Received Date : May 18, 2020

Testing Period : From May 18, 2020 to May 22, 2020

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

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

Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by

Checked by

Approved by

Ruth Lai

Thea Ye

nea

Hedy Xu/ Eric Yang

Remark: Hedy (Chemistry field) + Eric (Physical field)



Report No.: U00321200518018ER3 **Query Password: QW1175** Date: May 8, 2021 Summary of Test Results (Tested parts are required partially by client): **TEST REQUEST** U.S. Consumer Product Safety Improvement Act 2008 (CPSIA) Title I, Section 101 Total Lead (Pb) content U.S. Consumer Product Safety Improvement Act 2008 (CPSIA) Title I , Section 108 Phthalates (DEHP, DBP, BBP, DINP, DIBP, DPENP, DHEXP, DCHP) content Client's Requirement according to the California Proposition 65 (3) Total Lead (Pb) Phthalates (DBP, BBP, DEHP, DINP, DNHP, DIDP) PASS' (4) Consumer Product Safety Improvement Act of 2008 on Tracking labels for children's products PASS* = Comply with the requirement of client



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Item No.:
TH600, TH601, TH602, TH611, TH612, TH613, TH615, TH616, TH617, TH618, TH619, TH620, TH621, TH622,
TH623, TH625, TH626, TH627, TH628, TH629, TH630, TH631, TH632, TH633, TH635, TH637, TH638, TH639,
TH640, TH641, TH646, TH647, TH648, TH649, TH656, TH667, TH668, TH669, TH670, TH671, TH672, TH673,
TH675, TH676, TH677, TH678, TH680, TH681, TH682, TH683, TH685, TH686, TH687, TH688, TH689, TH690,
TH691, TH692, TH693, TH694, TH695, TH696, TH697, TH700, TH701, TH702, TH703, TH704, TH705, TH706,
TH708, TH711, TH712, TH713, TH714, TH715, TH716, TH717, TH718, TH719, TH723, TH725, TH726, TH727,
TH728, TH729, TH730, TH731, TH732, TH733, TH735, TH736, TH737, TH738, TH739, TH740, TH741, TH743,
TH745, TH747, DS800, DS801, DS802, DS803, DS804, DS805, DS806, DS807, DS808, DS809, DS810, DS811,
DS812, DS813, DS814, DS815, DS816, DS817, DS818, DS819, DS820, DS821, DS822, DS823, DS824,
DS825, DS826, DS827, DS828, DS829, DS830, DS831, DS832, DS833, DS834, DS835, DS836, DS837,
DS838, DS839, DS840, DS841, DS842, DS843, DS844, DS845, DS846, DS847, DS848, DS849, DS850,
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DS903, DS904, DS905, DS906, DS907, DS908, DS909, DS910, DS911, DS912, DS913, DS914, DS915,
DS916, DS917, DS918, DS920, DS921, DS922, DS923, DS924, DS925, DS926, DS927, DS928, DS929,
DS930, DS931, DS932, DS933, DS934, DS935, DS936, DS937, DS938, DS939, DS940, DS001, DS002,
DS003, DS004, DS005, DS006, DS007, DS008, DS009, DS010, DS011, DS012, DS013, DS014, DS015,
DS016, DS017, DS018, DS019, DS020, DS021, DS022, DS023, DS024, DS025, DS026, DS027, DS028,
DS029, DS030, DS031, DS032, DS033, DS034, DS035, DS036, DS037, DS038, DS039, DS040, DS041,
DS042, DS043, DS044, DS045, DS046, DS047, DS048, DS049, DS050, DS051, DS052, DS053, DS054,
DS055, DS056, DS057, DS058, DS059, DS060, DS061, DS062, DS063, DS064, DS065, DS066, DS067,
DS068, DS069, DS070, DS071, DS072, DS073, DS074, DS075, DS076, DS077, DS078, DS079, DS080,
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Test Material(s) List

Material No.	110	110	00	Description	120	120	0
# 1 # E	die	Dark blue plastic					alt
2	10.	110.	10.	Red plastic	110.	110.	20,
3	JE.	16	16	Green plastic	(6)		16
4 0	1015	10/4	10/2	Black plastic	10/4	110/2	110 La
5	- 1.	2.	1.	White plastic	- /-	1.	- 1.
6	10/1/2	101/1	10141	Yellow plastic	10/17	10/1/2	1011
7	0	0	0	Orange plastic	0	0	0



	$-O_{1}$ $-O_{1}$ $-O_{1}$ $-O_{1}$ $-O_{1}$ $-O_{1}$ $-O_{1}$ $-O_{2}$ $-O_{2}$
8	Brown plastic
9	Blue plastic
10 10	Gray plastic
J. 11 J.	Army Green Plastic
12	transparent plastic
13	Purple plastic
14	Rose red plastic
15	Orange-red plastic
16	Khaki plastic
17	Engineering yellow plastic
18	Brown-red plastic
19	Grass green plastic
20	Sky blue plastic
21	Transparent red plastic
22	Transparent yellow plastic
23	Transparent blue plastic
24	Transparent green plastic
25	Color stickers
26	Green soft plastic
27	Blue soft plastic
28	Red soft plastic
29	Yellow soft plastic
30	Black soft plastic
31	Fluorescent green coating
32	Blue coating
33	Yellow coating
34	Orange coating
35	White coating
36	Red coating



012 012	40. 40. 40. 40. 40. 40. 40. 40. 40.
37	Green coating
38	Black coating
39	Gray coating
40	Brown coating
41	Army green coating
42	Grass green coating
43	Golden coating
44	Color coating
45	Purple coating
46	Engineering yellow coating
47	Rose red coating
48	Pink coating
49	Khaki coating
50	Silver coating
~	

Test Result(s):

(1) Total Lead (Pb) content

Total Lead (Pb) content (in paint and other similar surface coatings)

Test Method: With reference to

Coating - CPSC-CH-E1003-09.1, analyzed by acid digestion and analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometer (AAS).

Material No.	RL(mg/kg)	Limit (mg/kg)	Test Result (mg/kg)	Conclusion
31	10	90	N.D.	PASS
32	10	90	N.D.	PASS
33	10	90	N.D.	PASS
34	10	90	N.D.	PASS
35	10	90	N.D.	PASS
36	10	90	N.D.	PASS
37	10	90	N.D.	PASS

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Uls. Uls.	Ula. Ula.	Ile. Ole. Ole	. Ols. Ols.	Ola. Ola.
38	10	90	N.D.	PASS
39	10	90	N.D.	PASS
40	10	90	N.D.	PASS
41	10	90	N.D.	PASS
42	10	90	N.D.	PASS
43	10	90	N.D.	PASS
44	10	90	N.D.	PASS
45	10	90	N.D.	PASS
46	10	90	N.D.	PASS
47	10	90	N.D.	PASS
48	10	90	N.D.	PASS
49	10	90	N.D.	PASS
50	10	90	N.D.	PASS

Total Lead (Pb) content (In substrate)

<u>Test Method</u>: With reference to Metal - CPSC-CH-E1001-08.3,

Nonmetal - CPSC-CH-E1002-08.3, analyzed by acid digestion and analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometer (AAS).

Material No.	RL(mg/kg)	Limit (mg/kg)	Test Result (mg/kg)	Conclusion
OHE 10HE	10	100	N.D.	PASS
2	10	100	N.D.	PASS
3 NE	10	100	N.D.	PASS
10. 410.	10	100	N.D.	PASS
5	10	100	N.D.	PASS
10, 90, 1	10	100	N.D.	PASS
7	10	100	N.D.	PASS
8	10	100	N.D.	PASS
9	10	100	N.D.	PASS

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Ohr Ohr	Obj. Obj.	Jan Ohn Oh	IL OHI OHI	OHI OH
10	10	100	N.D.	PASS
11	10	100	N.D.	PASS
12	10	100	N.D.	PASS
13	10	100	N.D.	PASS
14	10	100	N.D.	PASS
15	10	100	N.D.	PASS
16	10	100	N.D.	PASS
17	10	100	N.D.	PASS
18	10	100	N.D.	PASS
19	10	100	N.D.	PASS
20	10	100	N.D.	PASS
21	10	100	N.D.	PASS
22	10	100	N.D.	PASS
23	10	100	N.D.	PASS
24	10	100	N.D.	PASS
25	10	100	N.D.	PASS
26	10	100	N.D.	PASS
27	10	100	N.D.	PASS
28	10	100	N.D.	PASS
29	10	100	N.D.	PASS
30	10	100	N.D.	PASS

1. mg/kg = milligram per kilogram (ppm).

Note:

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.



(2) Phthalates (DEHP, DBP, BBP, DINP, DIBP, DCHP, DPENP, DHEXP)

<u>Test Method:</u> With reference to CPSC-CH-C1001-09.4 & EN 14372:2004, analyzed by Gas Chromatograph-Mass

Spectrometry (GC-MS).

Test Here	CACNE	DI (0()	L i i4 (0/)	Result (%)	
Test Item	CAS No.	RL (%) Limit (%)		2+3+4	5+6+7
Dioctyl phthalate (DEHP)	117-81-7	0.0020	0.1	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.0020	0.1	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	0.0020	0.1	N.D.	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	0.0040	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	0.0020	0.1	N.D.	N.D.
Diamyl phthalate (DPENP)	131-18-0	0.0020	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DHEXP)	84-75-3	0.0020	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	0.1	N.D.	N.D.		
Cone	WE.	PASS	PASS		

4. 4. 4.	Second Second	DI (0()	1::(0/)	Result (%)	
Test Item	CAS No.	CAS No. RL (%) Limit (%		26+27+28	29+30
Dioctyl phthalate (DEHP)	117-81-7	0.0020	0.1	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.0020	0.1	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	0.0020	0.1	N.D.	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	0.0040	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	0.0020	0.1	N.D.	N.D.
Diamyl phthalate (DPENP)	131-18-0	0.0020	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DHEXP)	84-75-3	0.0020	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	0.1	N.D.	N.D.		
Con	101 11	PASS	PASS		



Test Item	CAS No.	No. RL (%) Limit (%)		Result (%)	
rest item	CAS NO.			32+33+34	35+36+37
Dioctyl phthalate (DEHP)	117-81-7	0.0020	0.1	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.0020	0.1	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	0.0020	0.1	N.D.	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	0.0040	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	0.0020	0.1	N.D.	N.D.
Diamyl phthalate (DPENP)	131-18-0	0.0020	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DHEXP)	84-75-3	0.0020	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	0.0020	0.1	N.D.	N.D.
Con	A. C.	PASS	PASS		

Note:

- % = percentage by weight, 0.1% = 1000mg/kg = 1000ppm.
- 2. RL = report limit.
- 3. N.D.=not detected (<RL).

(3) Total Lead (Pb) content

Total Lead (Pb) content (in paint and other similar surface coatings)

Test Method: With reference to

Coating - CPSC-CH-E1003-09.1, analyzed by acid digestion and analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometer (AAS).

Material No.	RL(mg/kg)	Limit (mg/kg)	Test Result (mg/kg)	Conclusion
31	10	90	N.D.	PASS
32	10	90	N.D.	PASS
33	10	90	N.D.	PASS
34	10	90	N.D.	PASS
35	10	90	N.D.	PASS
36	10	90	N.D.	PASS
37	10	90	N.D.	PASS
38	10	90	N.D.	PASS

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Ola	01	1/2	Ula.	Ola.	Ols.	Ula Ola	Ula Ula Ula
200	39	_	10	2	90	N.D.	PASS
- NE	40	16	10		90	N.D.	PASS
20,	41	2, '	10	20,	90	N.D.	PASS
. 4	42	4	10	30	90	N.D.	PASS
10 pm	43	2 La. 1	10	10/4	90	N.D.	PASS
-	44	1	10		90	N.D.	PASS
OHE	45	JHE .	10	OHE	90	N.D.	PASS
0	46		10	S	90	N.D.	PASS
ME	47	NE	10	CHE.	90	N.D.	PASS
120	48	9	10	20	90	N.D.	PASS
- K	49	S.	10	×.	90	N.D.	PASS
101	50	2, '	10	20,	90	N.D.	PASS

Total Lead (Pb) content (In substrate)

<u>Test Method</u>: With reference to Metal - CPSC-CH-E1001-08.3,

Nonmetal - CPSC-CH-E1002-08.3, analyzed by acid digestion and analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometer (AAS).

Material No.	RL(mg/kg)	Limit (mg/kg)	ng/kg) Test Result (mg/kg) Cor			
10, 10,	10	100	N.D.	PASS		
2	10	100	N.D.	PASS		
10 July 30 July 1	10	100	N.D.	PASS		
4	10	100	N.D.	PASS		
MF 5 MF	10	100	N.D.	PASS		
6	10	100	N.D.	PASS		
7 16	10	100	N.D.	PASS		
10 8/0	10	100	N.D.	PASS		
9	10	100	N.D.	PASS		
10	10	100	N.D.	PASS		
11	10	100	N.D.	PASS		

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Uls. Uls.	Ola Ola C	lla, Ula, Ula	Ola, Ola,	Ula. Ula.
12	10	100	N.D.	PASS
13	10	100	N.D.	PASS
14	10	100	N.D.	PASS
15	10	100	N.D.	PASS
16	10	100	N.D.	PASS
17	10	100	N.D.	PASS
18	10	100	N.D.	PASS
19	10	100	N.D.	PASS
20	10	100	N.D.	PASS
21	10	100	N.D.	PASS
22	10	100	N.D.	PASS
23	10	100	N.D.	PASS
24	10	100	N.D.	PASS
25	10	100	N.D.	PASS
26	10	100	N.D.	PASS
27	10	100	N.D.	PASS
28	10	100	N.D.	PASS
29	10	100	N.D.	PASS
30	10	100	N.D.	PASS

1. mg/kg = milligram per kilogram (ppm).

Note:

- 2. N.D. = Not Detected (< RL).
- 3. RL = Reporting Limit.



(4) Phthalates (DBP, BBP, DEHP, DINP, DNHP, DIDP)

<u>Test Method:</u> With reference to CPSC-CH-C1001-09.4 & EN 14372:2004, analyzed by Gas Chromatographic - Mass Spectrometer (GC-MS).

0 0 0 0	CACAL	N .	Unit RL Lim	1 ::4	Test Result	
Test Item	CAS No. Unit	Unit		Limit	2+3+4	5+6+7
Dibutylphalate (DBP)	84-74-2	%	0.0020	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.0020	0.1	N.D.	N.D.
Di (2-ehylhexy)phthalate (DEHP)	117-81-7	%	0.0020	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.0040	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DNHP)	84-75-3	%	0.0020	0.1	N.D.	N.D.
Diisodecyl-o-phthalate (DIDP)	26761-40-0 68515-49-1	%	0.0040	0.1	N.D.	N.D.
DI. "101, "101, "110,	Conclusion	1019	1014	10/4	PASS	PASS

THE THE THE C	CACNIC	0.4 00 0		ONE	Test Result	
Test Item	CAS No. Unit		RL	Limit	26+27+28	29+30
Dibutylphalate (DBP)	84-74-2	%	0.0020	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.0020	0.1	N.D.	N.D.
Di (2-ehylhexy)phthalate (DEHP)	117-81-7	%	0.0020	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.0040	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DNHP)	84-75-3	%	0.0020	0.1	N.D.	N.D.
Diisodecyl-o-phthalate (DIDP)	26761-40-0 68515-49-1	%	0.0040	0.1	N.D.	N.D.
	Conclusion				PASS	PASS



O O O O	CAS No.	Unit	RL	Limit	Test Result	
Test Item	CAS NO.	Unit			32+33+34	35+36+37
Dibutylphalate (DBP)	84-74-2	%	0.0020	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.0020	0.1	N.D.	N.D.
Di (2-ehylhexy)phthalate (DEHP)	117-81-7	%	0.0020	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.0040	0.1	N.D.	N.D.
Di-n-Hexyl phthalate (DNHP)	84-75-3	%	0.0020	0.1	N.D.	N.D.
Diisodecyl-o-phthalate (DIDP)	26761-40-0 68515-49-1	%	0.0040	0.1	N.D.	N.D.
Conclusion						PASS

Note:

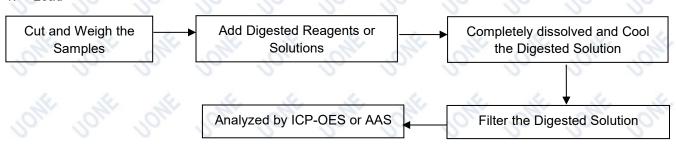
- 1. % = percentage by weight, 0.1% = 1000mg/kg = 1000ppm.
- 2. RL = report limit.
- 3. N.D.=not detected (<RL).

(5) Consumer Product Safety Improvement Act of 2008 on Tracking labels for children's products

Test Item	Test Method	Requirement	Result
JOHN JOHN JO	To lour lour	A permanent and distinguishing mark on the product and its packaging,to the	10 Hr. 10 Mg.
Tracking labels for children's products	Consumer Product Safety Improvement Act of 2008	extent practicable,enabling the manufacturer and purchaser to ascertain the name of the manufacturer	Comply with the requirement
ONE ONE OF	E OHE OHE	or private labeler,location and date of production of the product.	

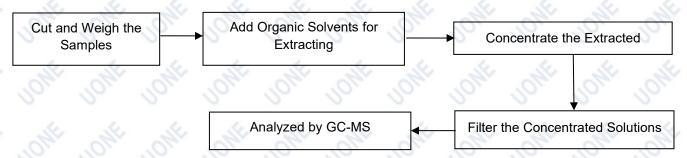
Test Process Flow

1. Lead





2. Phthalates



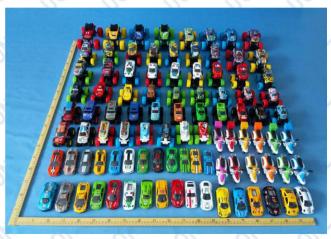
Remark: This report replaces the report whose report No. is U00321200518018ER2. The original report No. is U00321200518018ER2 will be automatically nullified on the date of issuance of this report.

Photo(s) of Sample:



















End of Report

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