

TEST REPORT

LAB NO. : (9320)356-0230-A-R1

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This is excerpt 1 of 3 out of the report no. (9320)356-0230

The report is amendment of and supersedes the previous report (9320)356-0230-A dated Dec 30, 2020

APPLICANT : NEW BRIGHT INDUSTRIAL CO., LTD

9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,

KOWLOON BAY, KLN, HK

CONTACT PERSON : /

DATE OF SUBMISSION: Dec 21, 2020

TEST PERIOD : Dec 21, 2020 to Dec 30, 2020

SAMPLE DESCRIPTION : 7185 TOY 18" R/C FULL FUNCTION SEA RAY BOAT

Country of Origin: CHINA

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Phthalates Content in Toys and Childcare Articles - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 51	PASS	
Phthalates Content in Certain Articles - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 51	PASS	
Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307 and United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Sections 108(a) and 108(b)(3)	PASS	
Phthalates Content in Toys - California Proposition 65	PASS	

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Tel: (86) 20 2290 2088 Fax: (86) 20 3490 9303 Email: BVCPS_pyinfo@cn.bureauveritas.com Website: cps.bureauveritas.com This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test sample identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

	SAMPLE DESCRIPTION ASSIGNED BY LABORATORY				
ITEM	ITEM DESCRIPTION				
1	White plastic with multicolor print and adhesive (sticker)				
2	Blue plastic (body)				
3	White plastic with multicolor coating (body)				
4	Grey plastic (rail)				
5	Grey plastic (knob)				
6	Black printed silvery plastic with adhesive (sticker)				
7	Black plastic (slider switch)				
8	Light grey plastic (knob)				
9	White soft plastic (stopper)				
10	Black plastic (aerial)				
11	Black plastic				
12	White soft plastic (propeller)				
13	Black plastic (case, remote control)				
14	Grey plastic (joystick, remote control)				
15	Translucent yellow plastic (tube, remote control)				
16	Black soft plastic (wire jacket, remote control)				
17	Black plastic (battery cover, remote control)				
18	Light grey plastic (block)				
19	Brown soft plastic (wire jacket)				
20	Blue soft plastic (wire jacket)				
21	White plastic (wire connector)				
22	Red soft plastic (wire jacket)				
23	White soft plastic (wire jacket)				
24	Black plastic (base, inductor, black of PCB)				
25	Green PCB				
26	Black body (transistor, PCB)				
27	Black plastic (base, PCB)				
28	Black body (IC, PCB)				
29	Beige plastic (connector)				
30	Black plastic				
31	Red plastic				
32	Red plastic (slider switch)				
33	Brown plastic (plate, slider switch)				
34	Black plastic (battery case)				
35	Black plastic (PCB cover)				
36	Black plastic (motor outer cover)				
37	White plastic (gear)				
38	Black soft plastic (ring/ gasket)				
39	Light beige plastic (shaft)				
40	Deep beige plastic (endbell, motor)				
41	Translucent beige plastic (copper brush base, motor)				
42	Translucent plastic (commutator, motor)				
43	White plastic (insulator, motor)				
44	White plastic (tube, motor)				



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45	Translucent plastic (tube)
46	Black plastic (case, tack switch)
47	Green PCB (remote control)
48	Black body (IC, remote control PCB)
49	Transparent plastic (washer)
50	Green pcb (motor)
51	Green pcb (big motor)

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

NINA REN SENIOR MANAGER

REMARK

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

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Photo of the Submitted Sample





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TEST RESULT

Phthalates Content in Toys and Childcare Articles - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 51

Maximum	0.1.9/ (Sum of all listed phtholotos)
Allowable Limit :	0.1 % (Sum of all listed phthalates)

TD 4.T4 ()	Result			C 1 .
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
10+11+12*	ND	ND	%	PASS
13+14+15*	ND	ND	%	PASS
19+20+21*	ND	ND	%	PASS
22+23+24*	ND	ND	%	PASS
25+26+27*	ND	ND	%	PASS
28+29+30*	ND	ND	%	PASS
31+32+33*	DEHP	0.009	%	PASS
34+35+36*	ND	ND	%	PASS
37+38+39*	ND	ND	%	PASS
40+41+42*	ND	ND	%	PASS
46+47+48*	ND	ND	%	PASS
1+3+7	DEHP	0.011	%	PASS
2+9	ND	ND	%	PASS
4+5+6	ND	ND	%	PASS
8+16	ND	ND	%	PASS
17+43+44	ND	ND	%	PASS
18+45	ND	ND	%	PASS
49+50+51	ND	ND	%	PASS

Note / Key:

ND = Not detected ">" = Greater than Conc. = Concentration mg/kg = milligram(s) per kilogram = ppm = part(s) per million % = percent

 $1 \% = 10\ 000\ \text{mg/kg}$

Detection Limit (%) - Each of the listed phthalates: 0.005

Remark:

- The list of phthalates is summarized in table of Appendix.
- The conclusion(s) of Test Item(s) must be affected after European Commission Regulation (EU) 2018/2005 of 17 December 2018 amending Entry 51 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bis(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP) and diisobutyl phthalate (DIBP) become effective on July 7, 2020.



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TEST RESULT

Phthalates Content in Certain Articles - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 51

Limit ^[a] :	Less than 0.1 % (Each or Sum of			
T 4 T4 ()	Result	G 1 .		
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
10+11+12*	ND	ND	%	PASS
13+14+15*	ND	ND	%	PASS
19+20+21*	ND	ND	%	PASS
22+23+24*	ND	ND	%	PASS
25+26+27*	ND	ND	%	PASS
28+29+30*	ND	ND	%	PASS
31+32+33*	ND	ND	%	PASS
34+35+36*	ND	ND	%	PASS
37+38+39*	ND	ND	%	PASS
40+41+42*	ND	ND	%	PASS
46+47+48*	ND	ND	%	PASS
1+3+7	DEHP	0.011	%	PASS
2+9	ND	ND	%	PASS
4+5+6	ND	ND	%	PASS
8+16	ND	ND	%	PASS
17+43+44	ND	ND	%	PASS
18+45	ND	ND	%	PASS
49+50+51	ND	ND	%	PASS

Note / Key:

ND = Not detected ">" = Greater than Conc. = Concentration

mg/kg = milligram(s) per kilogram = ppm = part(s) per million % = percent

 $1 \% = 10\ 000\ \text{mg/kg}$

Detection Limit (%) - Each of the listed phthalates: 0.005

Remark:

- ^[a] denotes as this limit applies to article(s) placed on the market on or after July 7, 2020 only.
- The following articles that are exempted for testing:
 - Articles exclusively for industrial or agricultural use, or for use exclusively in the open air, provided that no plasticized material comes into contact with human mucous membranes or into prolonged contact with human skin;
 - (ii) Measuring devices for laboratory use, or parts thereof;
 - (iii) Materials and articles intended to come into contact with food within the scope of Regulation (EC) No. 1935/2004 or Commission Regulation (EU) No. 10/2011;
 - (iv) Medical devices within the scope of Directives 90/385/EEC, 93/42/EEC or 98/79/EC, or parts thereof;
 - (v) Electrical and electronic equipment within the scope of Directive 2011/65/EU;
 - (vi) Immediate packaging of medicinal products within the scope of Regulation (EC) No 726/2004, Directive 2001/82/EC or Directive 2001/83/EC; and
 - (vii) Toys and childcare articles.
- The list of phthalates is summarized in table of Appendix.



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TEST RESULT

Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307 and United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Sections 108(a) and 108(b)(3)

Test Method: With reference to U. S. CPSC Test Method CPSC-CH-C1001-09.3 (April 1, 2010).

Maximum	0.1 % (Each of all listed phthalates) [b]
Allowable Limit :	0.1 70 (Each of an instea phinarates)

TD 4 T4 ()	Result			G 1 :
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
10+11+12*	ND	ND	%	PASS
13+14+15*	ND	ND	%	PASS
19+20+21*	ND	ND	%	PASS
22+23+24*	ND	ND	%	PASS
25+26+27*	ND	ND	%	PASS
28+29+30*	ND	ND	%	PASS
31+32+33*	DEHP	0.009	%	PASS
34+35+36*	ND	ND	%	PASS
37+38+39*	ND	ND	%	PASS
40+41+42*	ND	ND	%	PASS
46+47+48*	ND	ND	%	PASS
1+3+7	DEHP	0.011	%	PASS
2+9	ND	ND	%	PASS
4+5+6	ND	ND	%	PASS
8+16	ND	ND	%	PASS
17+43+44	ND	ND	%	PASS
18+45	ND	ND	%	PASS
49+50+51	ND	ND	%	PASS

Note / Key:

ND = Not detected ">" = Greater than Conc. = Concentration

% = percent 1 % = 10 000 mg/kg U. S. CPSC = United States Consumer Product Safety Commission mg/kg = milligram(s) per kilogram = ppm = part(s) per million Detection Limit (%): Each of the listed phthalates: 0.005

Remark:

- The list of phthalates is summarized in table of Appendix.
- Accessible plastic materials (Including natural and synthetic rubber), plasticizer print, scrapable surface coatings, decals, unscrapable polymeric coated materials, adhesives and sealants, toy nail polish, reusable packaging, electrical plug and cables of children's toys and childcare articles are applicable to be tested with the exclusion for adhesive for stickers and the materials listed below:
 - (viii) Polypropylene (PP);
 - (ix) Polyethylene (PE),
 - (x) Acrylonitrile butadiene styrene (ABS);
 - (xi) General purpose polystyrene (GPPS);
 - (xii) Medium-impact polystyrene (MIPS);
 - (xiii) High-impact polystyrene (HIPS);
 - (xiv) Super high-impact polystyrene (SHIPS); and

Their additives as listed in United States Code of Federal Regulations (CFR), Title 16, Part 1308.



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- [b] denotes as this maximum allowable limit applies to product(s) manufactured and imported on or after April 25, 2018.
- If no or unacceptable documentation, like Bill of Materials (BOM) or material identification, is provided by client, phthalate test(s) is (are) required to conduct on all plastic materials.
- Vendor is responsible for the compliance of other accessible materials, including additives in the exempt plastic materials, which are not tested.



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TEST RESULT

Phthalates Content in Toys - California Proposition 65

Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Maximum Allowable Limit :	Each 0.1 %

TD 4.T4 ()	Result			G 1 .
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
10+11+12*	ND	ND	%	PASS
13+14+15*	ND	ND	%	PASS
19+20+21*	ND	ND	%	PASS
22+23+24*	ND	ND	%	PASS
25+26+27*	ND	ND	%	PASS
28+29+30*	ND	ND	%	PASS
31+32+33*	DEHP	0.009	%	PASS
34+35+36*	ND	ND	%	PASS
37+38+39*	ND	ND	%	PASS
40+41+42*	ND	ND	%	PASS
46+47+48*	ND	ND	%	PASS
1+3+7	DEHP	0.011	%	PASS
2+9	ND	ND	%	PASS
4+5+6	ND	ND	%	PASS
8+16	ND	ND	%	PASS
17+43+44	ND	ND	%	PASS
18+45	ND	ND	%	PASS
49+50+51	ND	ND	%	PASS

Note / Key:

ND = Not detected ">" = Greater than Conc. = Concentration

%=percent $1~\%=10000~mg/kg \\ mg/kg=milligram(s)~per~kilogram=ppm=part(s)~per~million$

Detection Limit (%): Each 0.005

Remark:

- The list of phthalates is summarized in table of Appendix.
- Accessible plastic materials, plasticizer print, scrapable surface coatings, decals, unscrapable polymeric coated materials, adhesives and sealants, toy nail polish, reusable packaging, electrical plug and cables of toys and child care articles are applicable to be tested with the exclusion for adhesive for stickers.
- All accessible plastic substrates of children watches are applicable to be tested.
- Vendor is responsible for the compliance of all other material(s) which was (were) not tested above.
- Product(s) with phthalate(s) content exceeding this maximum allowable limit has (have) to reformulate.
- "*" The above results were transferred from (9320)213-0017-B dated on Aug 10, 2020.

END



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APPENDIX

List	List of Phthalates [European Parliament and Council Regulation EC No. 1907/2006, Annex XVII, Entry 52] :						
No.	Name of Analyte(s)	CAS-No. [EC No.]	No.	Name of Analyte(s)	CAS-No. [EC No.]		
1	Butyl benzyl phthalate (BBP)	85-68-7 [201-622-7]	3	Di-2-ethylhexyl phthalate (Bis(2-ethylhexyl) phthalate) (DEHP)	117-81-7 [204-211-0]		
2	Di-n-butyl phthalate (Dibutyl phthalate) (DBP)	84-74-2 [201-557-4]	-	-	-		
	CAS-No. = Chemical Abstracts Service registry number EC No. = European Commission number						

List	List of Phthalates [European Regulation EC No. 1907/2006, Annex XVII, Entry 51] :						
No.	Name of Analytes	CAS-No. [EC No.]	No.	Name of Analytes	CAS-No. [EC No.]		
1	Butyl benzyl phthalate (BBP)	85-68-7 [201-622-7]	3	Di-2-ethylhexyl phthalate (Bis(2-ethylhexyl) phthalate) (DEHP)	117-81-7 [204-211-0]		
2	Di-n-butyl phthalate (Dibutyl phthalate) (DBP)	84-74-2 [201-557-4]	4	Diisobutyl phthalate (DIBP)	84-69-5 [201-553-2]		
	CAS-No. = Chemical Abstracts Service registry number EC No. = European Commission number						

List of Phthalates [U. S. 16 CFR 1307 and U. S. CPSIA of 2008, Sections 108(a) and 108(b)(3)] :							
No.	Name of Analyte(s)	CAS-No.	No.	Name of Analyte(s)	CAS-No.		
1	Butyl benzyl phthalate (BBP)	85-68-7	5	Di-iso-butyl phthalate (DIBP)	84-69-5		
2	Dibutyl phthalate (DBP)	84-74-2	6	Di-n-pentyl phthalate (DnPP or DPENP)	131-18-0		
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	7	Di-n-hexyl phthalate (DnHP or DHEXP)	84-75-3		
4	Di-iso-nonyl phthalate (DINP)	28553-12-0	8	Di-cyclohexyl phthalate (DCHP)	84-61-7		
CAS-No. = Chemical Abstracts Service registry number							

List of Phthalates [California Proposition 65 – Toys] :							
N o.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.		
1	Butyl benzyl phthalate (BBP)	85-68-7	4	Di-2-ethylhexyl phthalate (DEHP)	117-81-7		
2	Dibutyl phthalate (DBP)	84-74-2	5	Di-iso-decyl phthalate (DIDP)	26761-40-0		
3	Di-n-hexyl phthalate (DHP)	84-75-3	-	-	-		



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<u>APPENDIX – TEST PROCESS</u>

Sample weight measurement

Extraction with organic solvent

Filtration through syringe filter

GC-MS / LC-MS analysis



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AMENDMENT DETAILS

No.	Changes		
1	Revise sample description.		