

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 1 of 28

DONGGUAN LIYANG TOYS LTD.
FLOOR 3, BUILDING 2, DAXINGWEI INDUSTRY, XIANXI, WUSHA, CHANG'AN TOWN, DONGGUAN CITY,
GUANGDONG PROVINCE.

Report on the submitted samples said to be:

Sample description : BL-05300 Splash- Watermelon Burst- cerise / BL-92530 Play with Me- Petite Butterfly- pink / BL-05301 Splash- Wild Grape Blast- purple / BL-05545 B Yours- Teaser- purple / BL-92534 Play with Me- Petite Butterfly- clear
Tested Style/ Items No.^① : BL-05300 Splash- Watermelon Burst- cerise / BL-92530 Play with Me- Petite Butterfly- pink / BL-05301 Splash- Wild Grape Blast- purple / BL-05545 B Yours- Teaser- purple / BL-92534 Play with Me- Petite Butterfly- clear
Additional Styles/ Items No.^② : BL-05512 white controller
Color : Cerise/ Pink/ Purple/ Purple/ Clear
Brand : Blush
Sample Receiving Date : April 6, 2017
Testing Period : From April 6, 2017 to May 10, 2017
Results : Please refer to next page(s).
Remark : ①The tested Style/ Item No. is tested by the lab. ②The Additional Styles/ Items No. declared in the applicant's declaration are not tested, their materials are the same as the tested parts and the result of the test report is only responsible for the test sample

Signed for and on behalf of

BACL



Checked by: _____

Jane Xu
Technical Supervisor

Approved by: _____



William Wei
Laboratory Manager

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 2 of 28

Summary of Test Results:

TEST REQUEST

CONCLUSION

A	As specified by client, refer to US California Proposition 65. on Phthalates (DBP、BBP、DEHP、DnHP、DINP and DIDP) content(Tested parts are required partially by client)	Pass
B	Phthalates (DBP、BBP、DEHP、DNOP、DINP and DIDP) content (Tested parts are required partially by client)	Pass
C	As specified by client, refer to Commission Regulation (EU) 2015/2030 and (EU) No 519/2012 amending Regulation (EC) No 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants - Alkanes, C10-13, Chloro (Short Chain Chlorinated Paraffins) content (tested parts are required partially by client)	Pass
D	As specified by client, refer to Entry 23 of Regulation (EC) No 552/2009 and 494/2011 and 835/2012 and 2016/217 amending Annex XVII of Reach regulation (EC) No 1907/2006 on Cadmium (Cd) (formerly known as 91/338/EEC)	Pass
E	As specified by client, refer to Canada Products Containing Mercury Regulations (SOR/2014-254)	Pass
F	As specified by client, refer to Entry 50 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment directives on PAHs content (tested parts are required partially by client)	Pass
G	As specified by client, refer to Entry 20 of Regulation (EC) No 552/2009 and 276/2010 amending Annex XVII of Reach regulation (EC) No 1907/2006 on Organostannic compounds (formerly known as 2002/62/EC and 2009/425/EC) (tested parts are required partially by client)	Pass

Pass= Meet the Requirement of Client

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 3 of 28

Results:

Tested part(s):

- | | |
|--|---|
| (1) Red plastic(case/knob, controller) ① | (33) Silvery metal(case, small motor) ③.⑤ |
| (2) Purple plastic(case/knob, controller) ② | (34) Silvery metal(rotor, small motor) ③.⑤ |
| (3) Pink plastic(case/knob, controller) ③ | (35) Coppery metal(coil, small motor) ③.⑤ |
| (4) Pearl white plastic(case/knob, controller) ④ | (36) Silvery metal(shaft, small motor) ③.⑤ |
| (5) Red plastic(indicator)semi-product ①-⑤ | (37) Silvery metal(plate, small motor) ③.⑤ |
| (6) Transparent plastic(wire plug) ①-⑤ | (38) Golden metal(shaft fixer, small motor) ③.⑤ |
| (7) Red plastic(wire jacket) ① | (39) Silvery metal(brush, small motor) ③.⑤ |
| (8) Purple plastic(wire jacket) ② | (40) Golden metal with silvery solder(wire connector , big motor) ①-②.④ |
| (9) Transparent plastic(wire jacket) ③-⑤ | (41) Silvery metal(case, big motor) ①-②.④ |
| (10) Coppery metal(wire) ①-② | (42) Gunmetal metal(rotor, big motor) ①-②.④ |
| (11) Silvery metal(wire) ③-⑤ | (43) Silvery metal(shaft, big motor) ①-②.④ |
| (12) Silvery metal(screw, controller) ①-⑤ | (44) Coppery metal(coil, big motor) ①-②.④ |
| (13) Silvery metal(big battery connector) ①-⑤ | (45) Silvery metal(plate, big motor) ①-②.④ |
| (14) Silvery metal(small battery connector) ①-⑤ | (46) Bronze metal(shaft fixer, big motor) ①-②.④ |
| (15) Silvery metal(spring, battery compartment) ①-⑤ | (47) Golden metal(brush, big motor) ①-②.④ |
| (16) Silvery metal(big screw, knob) ①-⑤ | (48) Gunmetal metal(spring, big motor) ①-②.④ |
| (17) Silvery metal(small connector under knob) ①-⑤ | (49) Bronze metal(big gasket, shaft, big motor) ①-②.④ |
| (18) Silvery metal(square connector under knob) ①-⑤ | (50) Golden metal(small gasket, shaft, big motor) ①-②.④ |
| (19) Gunmetal metal(spring, knob) ①-⑤ | (51) Red plastic(gasket, big motor) ①-②.④ |
| (20) Brown plastic(inner, small motor) ③.⑤ | (52) White plastic(plate, big motor) ①-②.④ |
| (21) Silvery metal with solder(pin, indicator) ①-⑤ | (53) Transparent plastic(case, big motor) ①-②.④ |
| (22) Silvery metal with solder(resistor wire, inside controller) ①-⑤ | (54) Red soft plastic(vibrator cover) ① |
| (23) Multicolor body(resistor, inside controller) ①-⑤ | (55) Transparent purple soft plastic(vibrator cover) ② |
| (24) Yellow plastic(wire jacket, controller) ①.② | (56) Pink soft plastic(vibrator cover) ③ |
| (25) LT. Red plastic(wire jacket, controller) ③.⑤ | (57) Purple soft plastic(vibrator cover) ④ |
| (26) Black plastic(wire jacket, controller) ④ | (58) Silvery metal(stud) ③.⑤ |
| (27) Coppery metal(wire, controller) ①-⑤ | (59) Silvery metal(back of stud) ③.⑤ |
| (28) Red plated white plastic(case, vibrator) ① | (60) Transparent plastic(buckle) ③.⑤ |
| (29) Purple plated white plastic(case, vibrator) ② | (61) White elastic(strap) ③.⑤ |
| (30) Silvery plated white plastic(case, vibrator) ③.⑤ | (62) Transparent soft plastic(vibrator cover) ⑤ |
| (31) White plastic(inner, vibrator) ④ | |
| (32) Black plastic(bottom case, small motor) ③.⑤ | |

Remark : ①Cerise ②Purple ③Pink ④Pearl White/purple ⑤Pearl White/Transparent

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 4 of 28

A. As specified by client, refer to US California Proposition 65. on Phthalates (DBP, BBP, DEHP, DnHP, DINP and DIDP) content(Tested parts are required partially by client)

Test method: With reference to CPSC-CH-C1001-09.3, by solvent extraction and Analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Client's Limit
			(1)+(2)+(3)	(4)	(5)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(6)	(7)+(8)	(9)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	0.007	N.D.	0.005	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass-	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 5 of 28

Item	Unit	MDL	Results			Client's Limit
			(20)	(24)	(25)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results		Client's Limit
			(28)+(29)+(30)	(31)+(32)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 6 of 28

Item	Unit	MDL	Results		Client's Limit
			(51)+(52)+(53)	(54)+(55)+(56)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(57)+(60)	(61)	(62)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 7 of 28

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- The test result of sample (5) is shown retest result, and the retest sample was provided by client on May 8, 2017
- Sample (5) was tested by raw material according to the applicant's request, The applicant will undertake all differences and risk.
- The test of samples (28)-(30) are as the requirement of Client.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

B. Phthalates (DBP, BBP, DEHP, DNOP, DINP and DIDP) content
(Tested parts are required partially by client)

Test method: With reference to CPSC-CH-C1001-09.3, by solvent extraction and Analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Client's Limit
			(1)+(2)+(3)	(4)	(5)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	---
DBP + BBP + DEHP	%	/	N.D.	N.D.	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 8 of 28

Item	Unit	MDL	Results			Client's Limit
			(6)	(7)+(8)	(9)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	0.007	N.D.	0.005	---
DBP + BBP + DEHP	%	/	0.007	N.D.	0.005	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(20)	(24)	(25)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	---
DBP + BBP + DEHP	%	/	N.D.	N.D.	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China

Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 9 of 28

Item	Unit	MDL	Results		Client's Limit
			(28)+(29)+(30)	(31)+(32)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	---
DBP + BBP + DEHP	%	/	N.D.	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	/

Item	Unit	MDL	Results		Client's Limit
			(51)+(52)+(53)	(54)+(55)+(56)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	---
DBP + BBP + DEHP	%	/	N.D.	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China

Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 10 of 28

Item	Unit	MDL	Results			Client's Limit
			(57)+(60)	(61)	(62)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	---
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	---
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	---
DBP + BBP + DEHP	%	/	N.D.	N.D.	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	N.D.	N.D.	---
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	---
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	---
DNOP + DINP + DIDP	%	/	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- The results less than MDL are not taken into account while calculating the sum contents.
- The test result of sample (5) is shown retest result, and the retest sample was provided by client on May 8, 2017
- Sample (5) was tested by raw material according to the applicant's request, The applicant will undertake all differences and risk.
- The test of samples (28)-(30) are as the requirement of Client.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 11 of 28

C. As specified by client, refer to Commission Regulation (EU) 2015/2030 and (EU) No 519/2012 amending Regulation (EC) No 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants - Alkanes, C10-13, Chloro (Short Chain Chlorinated Paraffins) content (tested parts are required partially by client)

Test method: With reference to US EPA 3540C:1996/ US EPA 3550C:2007 & US EPA 8270D:2007, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Articles

Item	Unit	MDL	Results			Client's Limit
			(1)+(2)+(3)	(4)+(6)	(7)+(8)+(9)	
Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins)	%	0.01	N.D.	N.D.	N.D.	0.15
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results		Client's Limit
			(28)+(29)+(30)	(54)+(55)	
Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins)	%	0.01	N.D.	N.D.	0.15
Conclusion	/	/	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(56)+(57)	(61)	(62)	
Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins)	%	0.01	N.D.	N.D.	N.D.	0.15
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 12 of 28

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- mg/kg = ppm 0.1%=1000 mg/kg
- The test of samples (28)-(30) are as the requirement of Client.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk
- Photo is included.

D. As specified by client, refer to Entry 23 of Regulation (EC) No 552/2009 and 494/2011 and 835/2012 and 2016/217 amending Annex XVII of Reach regulation (EC) No 1907/2006 on Cadmium (Cd) (formerly known as 91/338/EEC)

Test method: With reference to EN1122:2001 and US EPA 3052:1996/ EPA 3050B:1996 & US EPA 6010C:2007, by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometry (AAS).

Item	Unit	MDL	Results			Client's Limit
			(1)+(2)+(3)	(4)	(5)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 13 of 28

Item	Unit	MDL	Results			Client's Limit
			(6)	(7)+(8)+(9)	(10)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results				Client's Limit
			(11)	(12)	(13)	(14)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results				Client's Limit
			(15)	(16)	(17)	(18)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(19)	(20)	(21)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(22)	(23)	(24)+(25)+(26)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 14 of 28

Item	Unit	MDL	Results			Client's Limit
			(27)	(28)+(29)+(30)	(31)+(32)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(33)	(34)	(35)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(36)	(37)	(38)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(39)	(40)	(41)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(42)	(43)	(44)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 15 of 28

Item	Unit	MDL	Results			Client's Limit
			(45)	(46)	(47)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results				Client's Limit
			(48)	(49)	(50)	(51)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results			Client's Limit
			(52)+(53)	(54)+(55)+(56)	(57)+(60)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results				Client's Limit
			(58)	(59)	(61)	(62)	
Cadmium (Cd)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 16 of 28

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- The test result of sample (5) is shown retest result, and the retest sample was provided by client on May 8, 2017
- Sample (5) was tested by raw material according to the applicant's request, The applicant will undertake all differences and risk.
- The test of samples (28)-(30) are as the requirement of Client.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

E. As specified by client, refer to Canada Products Containing Mercury Regulations (SOR/2014-254)

Test method: With reference to IEC 62321-4:2013, by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES)

Items	Unit	MDL	Results			Client's Limit
			(1)+(2)+(3)	(4)	(5)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(6)	(7)+(8)+(9)	(10)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 17 of 28

Items	Unit	MDL	Results				Client's Limit
			(11)	(12)	(13)	(14)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Items	Unit	MDL	Results				Client's Limit
			(15)	(16)	(17)	(18)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(19)	(20)	(21)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(22)	(23)	(24)+(25)+(26)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 18 of 28

Items	Unit	MDL	Results			Client's Limit
			(27)	(28)+(29)+(30)	(31)+(32)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(33)	(34)	(35)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(36)	(37)	(38)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(39)	(40)	(41)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 19 of 28

Items	Unit	MDL	Results			Client's Limit
			(42)	(43)	(44)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(45)	(46)	(47)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results				Client's Limit
			(48)	(49)	(50)	(51)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Client's Limit
			(52)+(53)	(54)+(55)+(56)	(57)+(60)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 20 of 28

Items	Unit	MDL	Results				Client's Limit
			(58)	(59)	(61)	(62)	
Mercury (Hg)	%	0.001	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- The test result of sample (5) is shown retest result, and the retest sample was provided by client on May 8, 2017
- Sample (5) was tested by raw material according to the applicant's request, The applicant will undertake all differences and risk.
- The test of samples (28)-(30) are as the requirement of Client.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 21 of 28

F. As specified by client, refer to Entry 50 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment directives on PAHs content(tested parts are required partially by client)

Test method: With reference to AfPS GS 2014:01 PAK, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Client's Limit
				(1)	(2)	(3)	
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(e)pyren (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(b)fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(j)fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(k)fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Conclusion	/	/	/	Pass	Pass	Pass	/

Item	CAS No.	Unit	MDL	Results			Client's Limit
				(4)	(6)	(7)	
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(e)pyren (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(b)fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(j)fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(k)fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Conclusion	/	/	/	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 22 of 28

Item	CAS No.	Unit	MDL	Results			Client's Limit
				(8)	(9)	(28)	
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(e)pyren (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(b)fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(j)fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Benzo(k)fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	1
Conclusion	/	/	/	Pass	Pass	Pass	/

Item	CAS No.	Unit	MDL	Results				Client's Limit
				(29)	(30)	(54)	(55)	
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(e)pyren (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(b)fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(j)fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(k)fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Conclusion	/	/	/	Pass	Pass	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 23 of 28

Item	CAS No.	Unit	MDL	Results				Client's Limit
				(56)	(57)	(61)	(62)	
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(e)pyren (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(b)fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(j)fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Benzo(k)fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	N.D.	1
Conclusion	/	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL.
- MDL = Method Detection Limit.
- mg/kg = ppm.
- --- = Not Regulated.
- The test of samples (28)-(30) are as the requirement of Client.
- Photo is included.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891



TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 24 of 28

G. As specified by client, refer to Entry 20 of Regulation (EC) No 552/2009 and 276/2010 amending Annex XVII of Reach regulation (EC) No 1907/2006 on Organostannic compounds (formerly known as 2002/62/EC and 2009/425/EC)(tested parts are required partially by client)

Test method: With reference to ISO 17353:2004, by solvent extraction and analysis was performed by Gas Chromatographic- Mass Spectrometer (GC-MS)

Item	Unit	MDL	Results			Limit(by weight of tin)
			(1)+(2)+(3)	(4)+(6)	(7)+(8)+(9)	
Dibutyltin (DBT)	%	0.001	N.D.	N.D.	N.D.	0.1
Tri-substituted Organostannic compounds(TBT, TPhT)	%	0.001	N.D.	N.D.	N.D.	0.1
Diocetyltn(DOT)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Item	Unit	MDL	Results		Limit(by weight of tin)
			(28)+(29)+(30)	(54)+(55)	
Dibutyltin (DBT)	%	0.001	N.D.	N.D.	0.1
Tri-substituted Organostannic compounds(TBT, TPhT)	%	0.001	N.D.	N.D.	0.1
Diocetyltn(DOT)	%	0.001	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	/

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 25 of 28

Item	Unit	MDL	Results			Limit(by weight of tin)
			(56)+(57)	(61)	(62)	
Dibutyltin (DBT)	%	0.001	N.D.	N.D.	N.D.	0.1
Tri-substituted Organostannic compounds(TBT, TPhT)	%	0.001	N.D.	N.D.	N.D.	0.1
Diocetyl tin(DOT)	%	0.001	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Remark:

- (1) Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is acting as biocide in free association paint.
- (2) Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture acts as biocide to prevent the fouling by micro-organisms, plants or animals of:
 - (a) all craft irrespective of their length intended for use in marine, coastal, estuarine and inland waterways and
 - (b) cages, floats, nets and any other appliances or equipment used for fish or shellfish farming;
 - (c) any totally or partly submerged appliance or equipment.
- (3) Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters.
- (4) Tri-substituted organostannic compounds
 Tri-substituted organostannic compounds such as tributyltin (TBT) compounds and triphenyltin (TPT) compounds shall not be used after 1 July 2010 in articles where the concentration in the article, or part thereof, is greater than the equivalent of 0,1 % by weight of tin. Articles not complying with paragraph 4(a) shall not be placed on the market after 1 July 2010, except for articles that were already in use in the Community before that date.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
 Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 26 of 28

(5) Dibutyltin (DBT) compounds

- (a) Dibutyltin (DBT) compounds shall not be used after 1 January 2012 in mixtures and articles for supply to the general public where the concentration in the mixture or the article, or part thereof, is greater than the equivalent of 0,1 % by weight of tin.
- (b) Articles and mixtures not complying with paragraph 5(a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the Community before that date.
- (c) By way of derogation, paragraphs 5(a) and (b) shall not apply until 1 January 2015 to the following articles and mixtures for supply to the general public:
 - one-component and two-component room temperature vulcanisation sealants (RTV-1 and RTV-2 sealants) and adhesives,
 - paints and coatings containing DBT compounds as catalysts when applied on articles,
 - soft polyvinyl chloride (PVC) profiles whether by themselves or coextruded with hard PVC,
 - fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor applications,
 - outdoor rainwater pipes, gutters and fittings, as well as covering material for roofing and façades. By way of derogation, paragraphs 5(a) and (b) shall not apply to materials and articles regulated under Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food.

6. Dioctyltin (DOT) compounds

- (a) Dioctyltin (DOT) compounds shall not be used after 1 January 2012 in the following articles for supply to, or use by, the general public, where the concentration in the article, or part thereof, is greater than the equivalent of 0,1 % by weight of tin:
 - textile articles intended to come into contact with the skin
 - gloves,
 - footwear or part of footwear intended to come into contact with the skin,
 - wall and floor coverings,
 - childcare articles,
 - female hygiene products,
 - nappies,
 - two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits),
- (b) Articles not complying with paragraph 6(a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the Community before that date.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 27 of 28

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- The results less than MDL are not taken into account while calculating the sum contents.
- The test of samples (28)-(30) are as the requirement of Client.
- "---"=Not Regulated
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

Photograph of Sample



This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China

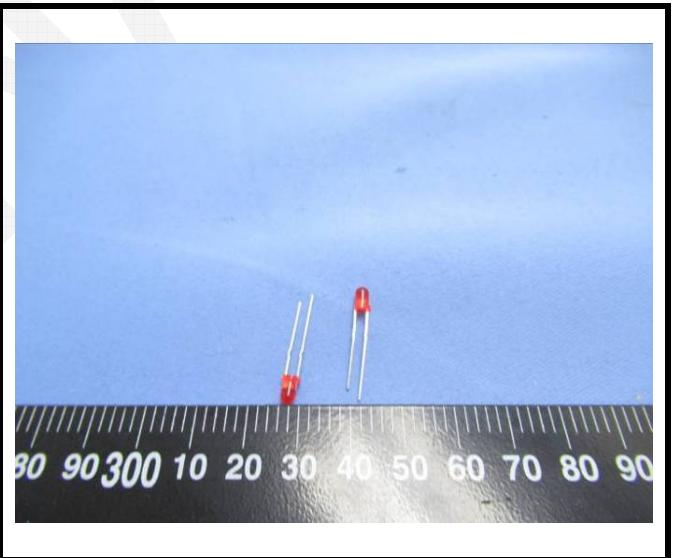
Tel: +86-769-86858888 Fax: +86-769-86858891

TEST REPORT

REPORT No.: R2DG1704062119E

Date: June 1, 2017

Page 28 of 28



BACL authenticate the photo on original report only

*** End of Report ***

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China

Tel: +86-769-86858888 Fax: +86-769-86858891