

Test Report

Report No.: AGC04432190301-002

Date: Mar.20, 2019

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Applicant: SHANTOU CHENGHAI BINYUAN PLASTICS TOYS FACTORY

Address: Dengfeng Road Guangyi Street Chenghai Shantou Guangdong China

Report on the submitted sample(s) said to be:

Sample Name : building block

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

Age Grading : 3+

Test site : 1,6/F.,Building 2,No. 1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang,
Baoan District, Shenzhen, Guangdong, China

Sample Receiving Date : Mar.13, 2019

Testing Period : Mar.13, 2019 to Mar.18, 2019

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

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

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



Approved by: 

Liulinwen, Lewis

Technical Director



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Item No. :

PG10030A,PG10031A,PG10032A,PG10033A,PG10042A,PG10043A,
PG10044A,PG10045A,PG20001A,PG20002A,PG20003A,PG20004A,
PG20009A,PG20010A,PG20011A,PG20012A,PG20013A,PG20014A,
PG20015A,PG20016A,PG20017A,PG20018A,PG20019A,PG20020A,
PG20021A,PG20022A,PG20023A,PG20024A,PG20025A,PG20026A,
PG20027A,PG20028A,PG20030A,PG30001A,PG30002A,PG30003A,
PG30004A,PG30005A,PG30006A,PG30007A,PG30008A,PG30015A,
PG30016A,PG30017A,PG30018A,PG30019A,PG30020A,PG90001A,
PG90002A,PG90003A,PG90004A,PG90005A,PG90006A,PG90007A,
PG90008A,K7A,K8A,K12A,K14A,K15A,K16A,K17A,K18A,K19A,K21A,
K22A,K23A,K24A,K25A,K26A,K27A,K28A,K29A,K30A,K31A,K32A,
K33A,K34A,K35A,K36A,K37A,K38A,K34,K35,K7,K29,K27,K26,
K31,K32,PG50001A,PG50002A,PG50003A,PG50004A,PG50005A,
PG50006A,PG50007A,PG50008A,PG50009A,PG50010A

Test Requested:

1. As specified by client, to determine the phthalates content in the submitted sample(s) with reference to Section 108 of the U.S. Consumer Product Safety Improvement Act (CPSIA) of 2008(H.R. 4040) & Amendment Rule 16 CFR part 1307.
2. As specified by client, to determine the Lead (Pb) content in the submitted sample(s) with reference to U.S. Consumer Product Safety Improvement Act (CPSIA) of 2008 (H.R. 4040) & Amendment Act H.R. 2715, Title I, Section 101.

Conclusion

Pass

Pass

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No.18 C

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

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Test Results:

1. For the phthalates content (CPSIA)

Unit: %,w/w

| Test Item(s) | Test Method/ Equipment | MDL | Result(s) | | Limit |
|-------------------------------------|---|------|-----------|-------------|-------------|
| | | | 1/2/3# | 4/5/6# | |
| Dibutyl phthalate (DBP) | Refer to CPSC-CH-C1001-09.4 GC-MS | 0.01 | N.D. | N.D. | 0.1 |
| Butylbenzyl phthalate (BBP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di- (2-ethylhexyl) phthalate (DEHP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-isononyl phthalate (DINP) | | 0.01 | N.D. | N.D. | 0.1 |
| Diisobutyl phthalate(DIBP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-n-pentyl phthalate(DPENP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-n-hexyl phthalate(DHEXP) | | 0.01 | N.D. | N.D. | 0.1 |
| Dicyclohexly phthalate(DCHP) | | 0.01 | N.D. | N.D. | 0.1 |
| Conclusion | | / | / | Pass | Pass |

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Unit: %,w/w

| Test Item(s) | Test Method/ Equipment | MDL | Result(s) | | Limit |
|-------------------------------------|---|------|-------------|-------------|-------|
| | | | 7/8/9# | 10/11# | |
| Dibutyl phthalate (DBP) | Refer to CPSC-CH-C1001-09.4 GC-MS | 0.01 | N.D. | N.D. | 0.1 |
| Butylbenzyl phthalate (BBP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di- (2-ethylhexyl) phthalate (DEHP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-isononyl phthalate (DINP) | | 0.01 | N.D. | N.D. | 0.1 |
| Diisobutyl phthalate(DIBP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-n-pentyl phthalate(DPENP) | | 0.01 | N.D. | N.D. | 0.1 |
| Di-n-hexyl phthalate(DHEXP) | | 0.01 | N.D. | N.D. | 0.1 |
| Dicyclohexyl phthalate(DCHP) | | 0.01 | N.D. | N.D. | 0.1 |
| Conclusion | / | / | Pass | Pass | / |

- Note:**
- 0.1%,w/w =1000mg/kg
 - MDL=method detection limit
 - N.D.=not detected (less than method detection limit)
 - # =As specified by client, the submitted samples were mixed to test.

2. Total Lead content (CPSIA)

Total Lead content in accessible substrate material (non-metal)

Unit: mg/kg

| Test Item(s) | Test Method/ Equipment | MDL | Result(s) | | | | Limit |
|-------------------|---|-----|-------------|-------------|-------------|-------------|-------|
| | | | 1/2/3# | 4/5/6# | 7/8/9# | 10/11# | |
| Lead Pb (T) | Refer to CPSC-CH-E1002-08.3 ICP-OES | 5 | N.D. | N.D. | N.D. | N.D. | 100 |
| Conclusion | | / | Pass | Pass | Pass | Pass | / |

- Note:**
- MDL=method detection limit
 - N.D.=not detected (less than method detection limit)
 - # =As specified by client, the submitted samples were mixed to test.

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Sample Description

| | |
|-----|---|
| 1. | Black plastic building blocks |
| 2. | Blue plastic building blocks |
| 3. | Black transparent plastic building blocks |
| 4. | Gray plastic building blocks |
| 5. | Blue transparent plastic building blocks |
| 6. | Red plastic building blocks |
| 7. | Red transparent plastic building blocks |
| 8. | Military green plastic building blocks |
| 9. | Brown plastic building blocks |
| 10. | Yellow plastic building blocks |
| 11. | White plastic building blocks |

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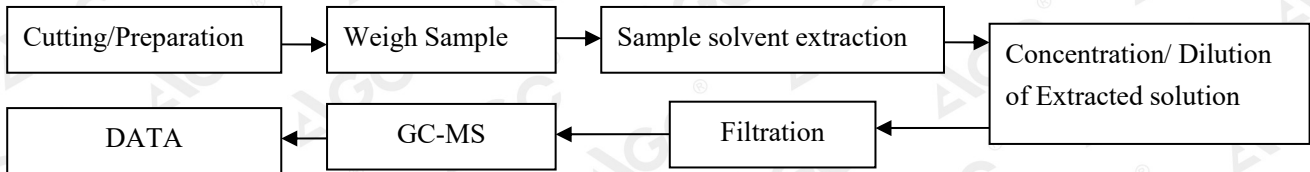
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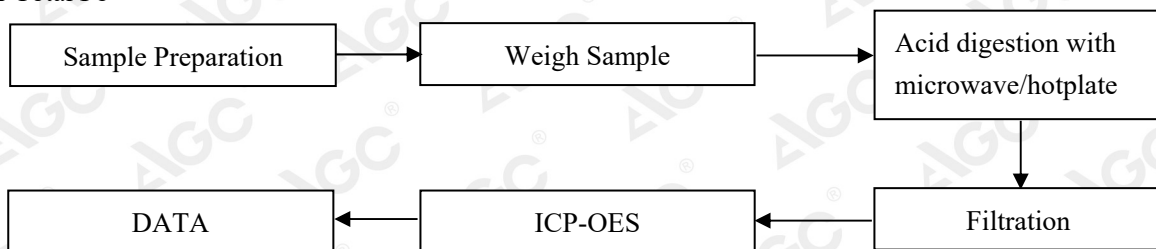
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Test Flow Chart

1. For the phthalates



2. For Total Pb



The photo of the sample



AGC authenticate the photo on original report only

*** End of Report***

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