

## GWSTC Test Report

Date: 2019-01-21

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NO: GP168309

**APPLICANT:** (Code: JAT001)

AO BEI HUI TOY FACTORY  
CHENGHAI DISTRICT, SHANTOU CITY  
GUANGDONG PROVINCE  
CHINA

**DESCRIPTION OF SAMPLE(S):**



One (1) style, one (1) set of submitted sample (photo attached at Appendix A) said to be:  
TOYS SERIES

ITEM NO.: KU001, KU002, KU003, KU004, KU005, KU006, KU007, KU008, KU009, KU010, KU011, KU012, KU013, KU014, KU015, KU016, KU017, KU018, KU019, KU020, KU021, KU022, KU023, KU024, KU025, KU026, KU027, KU028, KU029, KU030, KU001B, KU002B, KU003B, KU004B, KU005B, KU006B, KU007B, KU008B, KU009B, KU010B, KU011B, KU012B, KU013B, KU014B, KU015B, KU016B, KU017B, KU018B, KU019B, KU020B, KU021B, KU022B, KU023B, KU024B, KU025B, KU026B, KU027B, KU028B, KU029B, KU030B, KU001A, KU002A, KU003A, KU004A, KU005A, KU006A, KU007A, KU008A, KU009A, KU010A, KU011A, KU012A, KU013A, KU014A, KU015A, KU016A, KU017A, KU018A, KU019A, KU020A, KU021A, KU022A, KU023A, KU024A, KU025A, KU026A, KU027A, KU028A, KU029A, KU030A, KU001C, KU002C, KU003C, KU004C, KU005C, KU006C, KU007C, KU008C, KU009C, KU010C, KU011C, KU012C, KU013C, KU014C, KU015C, KU016C, KU017C, KU018C, KU019C, KU020C, KU021C, KU022C, KU023C, KU024C, KU025C, KU026C, KU027C, KU028C, KU029C, KU030C, 999A, 999B, 999C, 999D, 999E, 999F, 999G, 999H, 999I, 999J, 999K, 999L, 999M, 999N, 999O, 999P, 999Q, 999R, 999S, 999T, 999U, 999V, 999W, 999X, 999Y, 999Z, KU001-2A, KU003B2, KU012B2, KU013B2, KU012-13B

**TEST RESULTS:**

Please refer to next page.

Approved Signatory:



Trump, Chen Gui Cai  
Lab. Manager

**Guangzhou Worldwide Standards and Testing Company Limited**

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**DATE OF SAMPLE(S) RECEIVED:**

2019-01-15

**INVESTIGATION REQUESTED:**

1. As requested by client, to determine phthalate content in selected materials by composite testing in accordance with the Entries 51 & 52 in Annex XVII to Regulation (EC) No. 1907/2006 concerning and the Amendment No. 552/2009 the REACH.
2. As requested by client, to determine the DIBP, DPENP, DCHP, DHEXP, DnHP, DHNUP, DEP phthalate content in selected materials by composite testing.

**DATE TESTED:**

2019-01-15 to 2019-01-21

**TEST RESULTS:**

Entries 51 & 52 in Annex XVII to Regulation (EC) No. 1907/2006 and the Amendment No. 552/2009 concerning the REACH & DIBP, DPENP, DCHP, DHEXP, DnHP, DHNUP, DEP - phthalates analysis (as per client's request) (see Remark 1)

Method used: EN 14372:2004 (E)

Determined by: Gas Chromatograph-Mass Spectrometry

Plastic materials

- (a) White plastic
- (b) Red plastic
- (c) Yellow plastic

Short form	Full name	CAS No.	(a)+(b)+(c)*	Limit for REACH
(DEHP)	Di (2-ethylhexyl) phthalate	117-81-7	ND	0.1%
(BBP)	Butyl benzyl phthalate	85-68-7	ND	0.1%
(DBP)	Di-butyl phthalate	84-74-2	ND	0.1%
(DnOP)	Di-n-octyl phthalate	117-84-0	ND	0.1%
(DINP)	Di-iso-nonyl phthalate	28553-12-0 & 68515-48-0	ND	0.1%
(DIDP)	Di-iso-decyl phthalate	26761-40-0 & 68515-49-1	ND	0.1%

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Short form	Full name	CAS No.	(a)+(b)+(c)*	Limit
(DIBP)	Di-iso-butyl phthalate	84-69-5	ND	0.1%
(DPENP)	Di-n-pentyl phthalate	131-18-0	ND	0.1%
(DCHP)	Dicyclohexyl phthalate	84-61-7	ND	0.1%
(DHNUP)	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	ND	0.1%
(DnHP)	di-n-hexyl phthalate	84-75-3	ND	----
(DHEXP)	di-n-hexyl phthalate	84-75-3	ND	----
(DEP)	Diethyl phthalate	84-66-2	ND	----

Note: ND = Not Detected

Method detection limit = 0.01% (w/w)

\* = As required by client, the specimens were mixed into one for test. When testing, equal weight of each sample was used. In this circumstance, the lowest individual sample weight was used to calculate the test result.

Remark 1: The tests for DIBP, DPENP, DCHP, DHEXP, DnHP, DHNUP, DEP content are not covered by the CNAS accreditation.

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Appendix A



**PHOTOGRAPH(S) OF THE SAMPLE**

\*\*\*\*\* End of Document \*\*\*\*\*

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