

# Test Report

Report No.: U00321191113032E

Query Password: QW0334

Date: Nov. 28, 2019

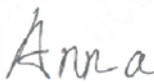
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**The following sample(s) was (were) submitted and identified by client as:**

Sample Description	: Toy Series
Item No.	: Please refer to next page(s).
Requested Age Grading	: 3+
Sample Received Date	: Nov. 13, 2019
Testing Period	: From Nov. 13, 2019 to Nov. 27, 2019
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



Anna Li

Checked by



Nora Deng

Approved by



Pascal Shi



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Summary of test results(Tested parts are required partially by client):

**TEST REQUEST****CONCLUSION**

(1)	Entry 51 & 52 of Annex XVII of the REACH regulation (EC) No.1907/2006 and its subsequent amendments Phthalates (DBP, BBP, DEHP, DIBP, DNOP, DIDP, DINP)	<b>PASS</b>
(2)	Client's Requirement DCHP, DPENP/DPP, DHEXP/DNHP content	<b>PASS*</b>

PASS\* = Comply with the requirement of client

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Item No.:
995,996,997,998,112,112A,112B,112C,9922,9955,9966,9911,9009,9908,9918,9918A,9918B,9918C,9919B,9919A,9919,9002,9006,8011,8022,8033,8055,5022,5066,919,918,9905,9983,9982,9985,F001,F002,F003,F003A,F004,F005,F006,F007,F008,F009,F010,F011,F012 ,F013,F014,F015,F016,F017,F018,F019,F020,F021,F022,F023,F024,F025,F026,F027,F028,F029,F030,F031,F032,F033,F034,F035,F036,F037,F038,F039,F040,F6022,F6022A,P001,P002,P003,P004,P005,P006,P007,P008,P009,P010,P011,P012,P013,P014,P015,P016,P017,P018,P019,P020,P021,P022,P023,P024,P025,P026,P027,P028,P029,P030,P031,P032,P033,P034,P035,P036,P037,P038,P039,P040,P012A,P6022,P6022A,M001,M002,M003,M004,M005,M006,M007,M008,M009,M010,M011,M012,M013,M014,M015,M016,M017,M018,M019,M020,M021,M022,M023,M024,M025,M026,M027,M028,M029,M030,M031,M032,M033,M034,M035,M036,M037,M038,M039,M040,M012A,S001,S002,S003,S004,S005,S006,S007,S008,S009,S010,S011,S012,S013,S014,S015,S016,S017,S018,S019,S020,S021,S022,S023,S024,S025,S026,S027,S028,S029,S030,S031,S032,S033,S034,S035,S036,S037,S038,S039,S040,S012A,D001,D002,D003,D004,D005,D006,D006A,D006B,D007,D008,D009,D010,D011,D012,D013,D014,D015,D016,D017,D018,D019,D020,D021,D022,D012A,A001,A002,A003,A004,A005,A006,A007,A008,A009,A010,A011,A012,A013,A014,A015,A016,A017,A018,A019,A020,A021,A022,A012A,

## Test Material(s) List

Material No.	Description
1	Transparent brown plastic
2	Red-brown plastic without coating
3	Dark grey plastic
4	Light orange plastic
5	Dull green plastic
6	Dark blue plastic
7	Orange plastic
8	Yellow plastic
9	Transparent plastic sheet
10	Silvery plastic label w/ black printing
11	Bright dark blue plastic
12	Translucent red plastic
13	Brown plastic
14	Laminated paper label w/ multi-color printing
15	White soft plastic

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16	Yellow soft plastic
17	Dark green plastic
18	Dark yellow plastic
19	Pale yellow plastic
20	Beige/multi-color fabric w/ plastic
21	Green/multi-color fabric w/ plastic
22	Dark grey hook tape
23	Grey plastic
24	Black plastic
25	Red plastic
26	Bright silvery coating
27	Black coating
28	White coating
29	Red coating
30	Yellow coating
31	White w/ black coating
32	Dull green coating
33	Golden coating

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## Test Result(s):

### (1) Phthalates (DBP, BBP, DEHP, DIBP, DNOP, DIDP, DINP)

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

Test Item	CAS No.	Unit	RL	Limit	Test Result	
					1+2+3	4+5+6
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Limit	Test Result	
					7+8	9+10
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

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Test Item	CAS No.	Unit	RL	Limit	Test Result	
					11+12+13	14+15+16
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Limit	Test Result	
					17+18+19	20+21+22
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

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Test Item	CAS No.	Unit	RL	Limit	Test Result	
					23+24+25	26+27
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Limit	Test Result	
					28+29+30	31+32+33
Dibutylphthalate (DBP)	84-74-2	%	0.002	0.1	N.D.	N.D.
Butylbenzylphthalate (BBP)	85-68-7	%	0.002	0.1	N.D.	N.D.
Di (2-ethylhexy)phthalate (DEHP)	117-81-7	%	0.002	0.1	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	%	0.002	0.1	N.D.	N.D.
Sum (DBP+BBP+DEHP+DIBP)	/	%	/	0.1	N.D.	N.D.
Di-n-octylphthalate (DNOP)	117-84-0	%	0.002	0.1	N.D.	N.D.
Di-iso-nonylphthalate (DINP)	68515-48-0 28553-12-0	%	0.004	0.1	N.D.	N.D.
Di-iso-decylphthalate (DIDP)	26761-40-0 68515-49-1	%	0.004	0.1	N.D.	N.D.
Sum (DNOP+DINP+DIDP)	/	%	/	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

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

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4. “/”=Not regulated.

## (2) DCHP, DPENP/DPP, DHEXP/DNHP content

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

Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					1+2+3	4+5+6
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.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					7+8	9+10
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.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					11+12+13	14+15+16
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.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

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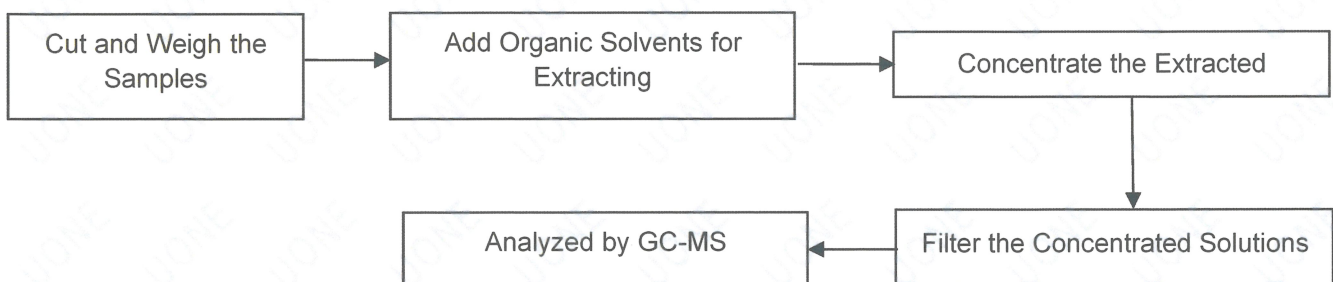
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Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					17+18+19	20+21+22
Di-n-Hexyl phthalate (DHEXP)	84-75-3	%	0.0020	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.0020	0.1	N.D.	N.D.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					23+24+25	26+27
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.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

Test Item	CAS No.	Unit	RL	Client's Limit	Test Result	
					28+29+30	31+32+33
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.
Dipentyl phthalate (DPP)	131-18-0	%	0.0020	0.1	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

### Test Process Flow



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**Photo(s) of Sample:**

The following photo(s) is(are) provided by the customer



**\*\*\*End of Report\*\*\***

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