



CONSUMER PRODUCTS SERVICES DIVISION

SILVERLIT TOYS MANUFACTORY LIMITED

Technical Report: (5219)350-0506(D)
Date Received: January 09, 2020

January 09, 2020

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MARTIN CHIM
SILVERLIT TOYS MANUFACTORY LIMITED
RM1102 EAST OCEAN CENTRE
98 GRANVILLE ROAD
TSIM SHA TSUI
KOWLOON
HONG KONG

Sample Description: ROBO KOMBAT - BALLOON PUNCHER

- 1.) CHANNEL A/B
- 2.) CHANNEL C/D

Vendor:	N/A	Sample Size:	12
Manufacturer:	N/A	Style No(s):	88038
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	5+	PO No.:	N/A
Appropriate Age Grade:	OVER 6 YEARS OF AGE	Ref #:	N/A
Client Specified Age Grade:	5+	Country of Origin:	CHINA
Grade:			
Tested Age Grade:	OVER 5 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	4891813880387		

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The BBP, DBP, DEHP, DnHP and DIDP content requirements in toys, child care articles and watches according to the California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050.
- The phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307).
- The BBP, DBP, DEHP, DnHP and DIDP content requirements of the client's specifications.
- The phthalate content requirements of the client's specifications.
- The total lead content of 100ppm requirements by composite testing in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).



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EXECUTIVE SUMMARY:

Note: According to the associated documents of Consumer Product Safety Improvement Act (CPSIA) of 2008, exemptions were granted to certain materials or products, such as natural materials / paper and similar materials / CMYK process printing inks / metal & alloys / electronics devices components / ordinary books / dyed & undyed textiles. Therefore, the lead content analysis of some components was not conducted.

BUREAU VERITAS HONG KONG LIMITED

Lai Ka Yan, Margaret
Senior Manager
Chemical Department

ML/by



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RESULTS:

TOTAL LEAD CONTENT IN SUBSTRATE BY COMPOSITE TESTING (100PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Test Method: U.S. CPSC-CH-E1001-08.3:2012 or U.S. CPSC-CH-E1002-08.3:2012

Analyte	Lead	
Requirement: Maximum allowable limit:	100 mg/kg	

Analyte			Lead (Pb)		Conclusion
Sample Description			Result (mg/kg)		
Color / Component	Location	Style			
(A)	silvery metal	bolt near battery door of robot	1,2	LT 10	Pass
(B)	light silvery metal	pin of hands of robot	1,2	LT 10	Pass
(C)	red soft plastic	balloon	1,2	LT 10	Pass
	orange soft plastic	balloon	1,2		
	yellow soft plastic	balloon	1,2		
(D)	green soft plastic	balloon	1,2	15	Pass
	blue soft plastic	balloon	1,2		
	pink soft plastic	balloon	1,2		
(E)	translucent soft plastic	rubber band	1,2	LT 10	Pass
	dull deep silvery plastic	goggle, balloon mount	1,2		
	black plastic	support remote	1,2		
(F)	grey plastic	button of remote	1,2	LT 10	Pass
	black plastic	body of robot	1,2		
	dull black plastic	arms of robot	1,2		
(G)	black soft plastic	tires of robot	1,2	LT 10	Pass
	metallic red plastic	robot	1		
	orange plastic	robot	1		
(H)	deep silvery plastic	robot	1	LT 10	Pass
	metallic blue plastic	robot	1		
	yellow plastic	robot	1		
(I)	metallic green plastic	robot	2	LT 10	Pass
	metallic purple plastic	robot	2		
(J)	clear red plastic	light of remote and robot	1,2	LT 10	Pass
	clear plastic	LED of remote	1,2		

LT = Less Than

* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)



RESULTS:

PHthalates Content in Children's Toys and Child Care Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010) / CPSC-CH-C1001-09.4 (January 17, 2018).

Sample Identity	Color / Component	Location	Style
A.	all coating	paper sticker of goggle	1,2
	clear/ grey coating	banner	1,2
	red coating	pattern of remote	1
B.	blue coating	pattern of remote	1
	black coating	pattern of robot	1
	deep blue coating	pattern of robot	1
C.	white/ deep yellow coating	pattern of robot	1
	green coating	pattern of remote	2
	purple coating	pattern of remote	2
D.	yellow/ light green coating	pattern of robot	2
	orange/ light purple coating	pattern of robot	2
E.	red soft plastic	balloon	1,2
	orange soft plastic	balloon	1,2
	yellow soft plastic	balloon	1,2
F.	green soft plastic	balloon	1,2
	blue soft plastic	balloon	1,2
	pink soft plastic	balloon	1,2
G.	translucent soft plastic	rubber band	1,2
	dull deep silvery plastic	goggle, balloon mount support	1,2
	black plastic	remote, inner part of robot	1,2
H.	grey plastic	button of remote	1,2
	black plastic	body of robot	1,2
	dull black plastic	arms of robot	1,2
I.	black soft plastic	tires of robot	1,2
	metallic red plastic	robot	1
	orange plastic	robot	1
J.	deep silvery plastic	robot	1
	metallic blue plastic	robot	1
	yellow plastic	robot	1
K.	metallic green plastic	robot	2
	metallic purple plastic	robot	2



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RESULTS:

PHthalates Content in Children's Toys and Child Care Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010) / CPSC-CH-C1001-09.4 (January 17, 2018).

Sample Identity	Color / Component	Location	Style
L.	clear red plastic	light of remote and robot	1,2
	clear plastic	LED of remote	1,2
M.	black printed dull red PVC	wire link to battery compartment of robot	1,2
	white printed dull black PVC	wire link to battery compartment of robot	1,2
	black printed yellow PVC	wire link to sound module of robot	1,2
N.	black printed purple PVC	wire link to motor of robot	1,2
	black printed white PVC	wire link to motor of robot	1,2
	black printed orange PVC	wire between PCB of robot	1,2
O.	black printed red PVC	wire between PCB of robot	1,2
	black printed brown PVC	wire between PCB of robot	1,2
	black PVC	wire between PCB of robot	1,2
P.	grey/ black soft plastic	inner button of remote	1,2
	matt black plastic	inner switch of robot	1,2
	green plastic/ black glue	sound module of robot	1,2
Q.	bright clear plastic/ glue	sound module of robot	1,2
	black foam sticker	sound module of robot	1,2
	sharp black plastic	sensor in robot	1,2
R.	white plastic	pin holder in arms of robot	1,2
	matt white plastic	gear and inner part of robot	1,2
S.	translucent plastic	motor of robot	1,2
	green/ white plastic	inner motor of robot	1,2
	white printed black plastic	capacitor of remote and robot	1,2
T.	black soft plastic	capacitor of remote and robot	1,2
	green/ white printed deep brown PCB/ black body/ clear body/ black paste	PCB of remote	1,2
	green printed translucent PCB	PCB of sound module of robot	1,2
U.	light brown PCB	PCB of switch of robot	1,2
	green/ white printed dull translucent PCB/ black body	small PCB of robot	1,2
	green/ white printed brown PCB/ black body	large PCB of robot	1,2



RESULTS:

PHthalATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Parameter:	Listed Phthalates (See Remark)		
Requirement:	Each 0.1%		
Sample ID	Detected Analyte	Concentration (%)	Conclusion
A.	DEHP	0.025	Pass
B.	ND	ND	Pass
C.	ND	ND	Pass
D.	ND	ND	Pass
E.	ND	ND	Pass
F.	ND	ND	Pass
G.	ND	ND	Pass
H.	ND	ND	Pass
I.	ND	ND	Pass
J.	ND	ND	Pass
K.	ND	ND	Pass
L.	ND	ND	Pass
M.	ND	ND	Pass
N.	ND	ND	Pass
O.	ND	ND	Pass
P.	ND	ND	Pass
Q.	ND	ND	Pass
R.	ND	ND	Pass
S.	ND	ND	Pass
T.	ND	ND	Pass
U.	ND	ND	Pass

*Results reported in percentage
 ND = None detected
 Detection Limit: Each Phthalate (0.005%)*



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RESULTS:

PHTHALATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

LIST OF RESTRICTED PHTHALATES		
Number	Chemical Name	CAS Number
1.	Butyl benzyl phthalate (BBP)	85-68-7
2.	Dibutyl phthalate (DBP)	84-74-2
3.	Di(2-ethylhexyl) phthalate (DEHP)	117-81-7
4.	Di-iso-nonyl phthalate (DINP)	28553-12-0 & 68515-48-0
5.	Di-iso-butyl phthalate (DIBP)	84-69-5
6.	Di-n-pentyl phthalate (DPENP or DnPP)	131-18-0
7.	Di-n-hexyl phthalate (DHEXP or DnHP)	84-75-3
8.	Dicyclohexyl phthalate (DCHP)	84-61-7



RESULTS:

BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS IN TOYS, CHILD CARE ARTICLES AND WATCHES (California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050)

	Color / Component	Location	Style
A.	Composite of all coating	paper sticker of goggle	1,2
	clear/ grey coating	banner	1,2
	red coating	pattern of remote	1
B.	blue coating	pattern of remote	1
	black coating	pattern of robot	1
	deep blue coating	pattern of robot	1
C.	white/ deep yellow coating	pattern of robot	1
	green coating	pattern of remote	2
	purple coating	pattern of remote	2
D.	yellow/ light green coating	pattern of robot	2
	orange/ light purple coating	pattern of robot	2
E.	red soft plastic	balloon	1,2
	orange soft plastic	balloon	1,2
	yellow soft plastic	balloon	1,2
F.	green soft plastic	balloon	1,2
	blue soft plastic	balloon	1,2
	pink soft plastic	balloon	1,2
G.	translucent soft plastic	rubber band	1,2
	dull deep silvery plastic	goggle, balloon mount support	1,2
	black plastic	remote, inner part of robot	1,2
H.	grey plastic	button of remote	1,2
	black plastic	body of robot	1,2
	dull black plastic	arms of robot	1,2
I.	black soft plastic	tires of robot	1,2
	metallic red plastic	robot	1
	orange plastic	robot	1
J.	deep silvery plastic	robot	1
	metallic blue plastic	robot	1
	yellow plastic	robot	1
K.	metallic green plastic	robot	2
	metallic purple plastic	robot	2



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RESULTS:

BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS IN TOYS, CHILD CARE ARTICLES AND WATCHES (California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050)

	Color / Component	Location	Style
L.	Composite of clear red plastic	light of remote and robot	1,2
	clear plastic	LED of remote	1,2
M.	black printed dull red PVC	wire link to battery compartment of robot	1,2
	white printed dull black PVC	wire link to battery compartment of robot	1,2
	black printed yellow PVC	wire link to sound module of robot	1,2
N.	black printed purple PVC	wire link to motor of robot	1,2
	black printed white PVC	wire link to motor of robot	1,2
	black printed orange PVC	wire between PCB of robot	1,2
O.	black printed red PVC	wire between PCB of robot	1,2
	black printed brown PVC	wire between PCB of robot	1,2
	black PVC	wire between PCB of robot	1,2
P.	grey/ black soft plastic	inner button of remote	1,2
	matt black plastic	inner switch of robot	1,2
	green plastic/ black glue	sound module of robot	1,2
Q.	bright clear plastic/ glue	sound module of robot	1,2
	black foam sticker	sound module of robot	1,2
	sharp black plastic	sensor in robot	1,2
R.	white plastic	pin holder in arms of robot	1,2
	matt white plastic	gear and inner part of robot	1,2
S.	translucent plastic	motor of robot	1,2
	green/ white plastic	inner motor of robot	1,2
	white printed black plastic	capacitor of remote and robot	1,2
T.	black soft plastic	capacitor of remote and robot	1,2
	green/ white printed deep brown PCB/ black body/ clear body/ black paste	PCB of remote	1,2
	green printed translucent PCB	PCB of sound module of robot	1,2
U.	light brown PCB	PCB of switch of robot	1,2
	green/ white printed dull translucent PCB/ black body	small PCB of robot	1,2
	green/ white printed brown PCB/ black body	large PCB of robot	1,2



RESULTS:

BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS IN TOYS, CHILD CARE ARTICLES AND WATCHES (California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050)

Test Parameter	BBP	DBP	DEHP	DnHP	DIDP	
Limit (%)	0.1	0.1	0.1	0.1	0.1	
Sample	Result (%)					Conclusion
A	LT 0.005	LT 0.005	0.025	LT 0.005	LT 0.005	Pass
B	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
C	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
D	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
E	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
F	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
G	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
H	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
I	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
J	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
K	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
L	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
M	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
N	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
O	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
P	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
Q	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
R	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
S	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
T	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
U	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)
 DnHP = Di-n-hexyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected

RESULTS:

CLIENT'S BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS

	Color / Component	Location	Style
A.	Composite of all coating	paper sticker of goggle	1,2
	clear/ grey coating	banner	1,2
	red coating	pattern of remote	1
B.	blue coating	pattern of remote	1
	black coating	pattern of robot	1
	deep blue coating	pattern of robot	1
C.	white/ deep yellow coating	pattern of robot	1
	green coating	pattern of remote	2
	purple coating	pattern of remote	2
D.	yellow/ light green coating	pattern of robot	2
	orange/ light purple coating	pattern of robot	2
E.	red soft plastic	balloon	1,2
	orange soft plastic	balloon	1,2
	yellow soft plastic	balloon	1,2
F.	green soft plastic	balloon	1,2
	blue soft plastic	balloon	1,2
	pink soft plastic	balloon	1,2
G.	translucent soft plastic	rubber band	1,2
	dull deep silvery plastic	goggle, balloon mount support	1,2
	black plastic	remote, inner part of robot	1,2
H.	grey plastic	button of remote	1,2
	black plastic	body of robot	1,2
	dull black plastic	arms of robot	1,2
I.	black soft plastic	tires of robot	1,2
	metallic red plastic	robot	1
	orange plastic	robot	1
J.	deep silvery plastic	robot	1
	metallic blue plastic	robot	1
	yellow plastic	robot	1
K.	metallic green plastic	robot	2
	metallic purple plastic	robot	2
L.	clear red plastic	light of remote and robot	1,2
	clear plastic	LED of remote	1,2

RESULTS:

CLIENT'S BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS

	Color / Component	Location	Style
M.	Composite of black printed dull red PVC	wire link to battery compartment of robot	1,2
	white printed dull black PVC	wire link to battery compartment of robot	1,2
	black printed yellow PVC	wire link to sound module of robot	1,2
N.	black printed purple PVC	wire link to motor of robot	1,2
	black printed white PVC	wire link to motor of robot	1,2
	black printed orange PVC	wire between PCB of robot	1,2
O.	black printed red PVC	wire between PCB of robot	1,2
	black printed brown PVC	wire between PCB of robot	1,2
	black PVC	wire between PCB of robot	1,2
P.	grey/ black soft plastic	inner button of remote	1,2
	matt black plastic	inner switch of robot	1,2
	green plastic/ black glue	sound module of robot	1,2
Q.	bright clear plastic/ glue	sound module of robot	1,2
	black foam sticker	sound module of robot	1,2
	sharp black plastic	sensor in robot	1,2
R.	white plastic	pin holder in arms of robot	1,2
	matt white plastic	gear and inner part of robot	1,2
S.	translucent plastic	motor of robot	1,2
	green/ white plastic	inner motor of robot	1,2
	white printed black plastic	capacitor of remote and robot	1,2
T.	black soft plastic	capacitor of remote and robot	1,2
	green/ white printed deep brown PCB/ black body/ clear body/ black paste	PCB of remote	1,2
	green printed translucent PCB	PCB of sound module of robot	1,2
U.	light brown PCB	PCB of switch of robot	1,2
	green/ white printed dull translucent PCB/ black body	small PCB of robot	1,2
	green/ white printed brown PCB/ black body	large PCB of robot	1,2



RESULTS:

CLIENT'S BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS

Test Parameter	BBP	DBP	DEHP	DnHP	DIDP	
Limit (%)	0.1	0.1	0.1	0.1	0.1	
Sample	Result (%)					Conclusion
A	LT 0.005	LT 0.005	0.025	LT 0.005	LT 0.005	Pass
B	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
C	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
D	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
E	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
F	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
G	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
H	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
I	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
J	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
K	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
L	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
M	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
N	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
O	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
P	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
Q	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
R	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
S	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
T	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass
U	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)
 DnHP = Di-n-hexyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected

RESULTS:

PHTHALATES CONTENT (Silverlit's Specifications)

Color / Component	Location	Style
A. all coating	paper sticker of goggle	1,2
clear/ grey coating	banner	1,2
red coating	pattern of remote	1
B. blue coating	pattern of remote	1
black coating	pattern of robot	1
deep blue coating	pattern of robot	1
C. white/ deep yellow coating	pattern of robot	1
green coating	pattern of remote	2
purple coating	pattern of remote	2
D. yellow/ light green coating	pattern of robot	2
orange/ light purple coating	pattern of robot	2
E. red soft plastic	balloon	1,2
orange soft plastic	balloon	1,2
yellow soft plastic	balloon	1,2
F. green soft plastic	balloon	1,2
blue soft plastic	balloon	1,2
pink soft plastic	balloon	1,2
G. translucent soft plastic	rubber band	1,2
dull deep silvery plastic	goggle, balloon mount support	1,2
black plastic	remote, inner part of robot	1,2
H. grey plastic	button of remote	1,2
black plastic	body of robot	1,2
dull black plastic	arms of robot	1,2
I. black soft plastic	tires of robot	1,2
metallic red plastic	robot	1
orange plastic	robot	1
J. deep silvery plastic	robot	1
metallic blue plastic	robot	1
yellow plastic	robot	1
K. metallic green plastic	robot	2
metallic purple plastic	robot	2
L. clear red plastic	light of remote and robot	1,2
clear plastic	LED of remote	1,2

RESULTS:

PHTHALATES CONTENT (Silverlit's Specifications)

	Color / Component	Location	Style
M.	black printed dull red PVC	wire link to battery compartment of robot	1,2
	white printed dull black PVC	wire link to battery compartment of robot	1,2
	black printed yellow PVC	wire link to sound module of robot	1,2
N.	black printed purple PVC	wire link to motor of robot	1,2
	black printed white PVC	wire link to motor of robot	1,2
	black printed orange PVC	wire between PCB of robot	1,2
O.	black printed red PVC	wire between PCB of robot	1,2
	black printed brown PVC	wire between PCB of robot	1,2
	black PVC	wire between PCB of robot	1,2
P.	grey/ black soft plastic	inner button of remote	1,2
	matt black plastic	inner switch of robot	1,2
	green plastic/ black glue	sound module of robot	1,2
Q.	bright clear plastic/ glue	sound module of robot	1,2
	black foam sticker	sound module of robot	1,2
	sharp black plastic	sensor in robot	1,2
R.	white plastic	pin holder in arms of robot	1,2
	matt white plastic	gear and inner part of robot	1,2
S.	translucent plastic	motor of robot	1,2
	green/ white plastic	inner motor of robot	1,2
	white printed black plastic	capacitor of remote and robot	1,2
T.	black soft plastic	capacitor of remote and robot	1,2
	green/ white printed deep brown PCB/ black body/ clear body/ black paste	PCB of remote	1,2
	green printed translucent PCB	PCB of sound module of robot	1,2
U.	light brown PCB	PCB of switch of robot	1,2
	green/ white printed dull translucent PCB/ black body	small PCB of robot	1,2
	green/ white printed brown PCB/ black body	large PCB of robot	1,2



RESULTS:

PHTHALATES CONTENT (Silverlit's Specifications)

Test Parameter:	Listed Phthalates (See Remark)		
Requirement:	Each Phthalate 0.1 %		
Sample ID	Detected Analyte	Concentration (%)	Conclusion
A	DEHP (CAS No: 117-81-7)	0.025	Pass
B	ND	ND	Pass
C	ND	ND	Pass
D	ND	ND	Pass
E	ND	ND	Pass
F	ND	ND	Pass
G	ND	ND	Pass
H	ND	ND	Pass
I	ND	ND	Pass
J	ND	ND	Pass
K	ND	ND	Pass
L	ND	ND	Pass
M	ND	ND	Pass
N	ND	ND	Pass
O	ND	ND	Pass
P	ND	ND	Pass
Q	ND	ND	Pass
R	ND	ND	Pass
S	ND	ND	Pass
T	ND	ND	Pass
U	ND	ND	Pass



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RESULTS:

PHTHALATES CONTENT (Silverlit's Specifications)

Remark:

<i>BBP (CAS No: 85-68-7)</i>	<i>= Butyl benzyl phthalate</i>
<i>DBP (CAS No: 84-74-2)</i>	<i>= Dibutyl phthalate</i>
<i>DEHP (CAS No: 117-81-7)</i>	<i>= Di(2-ethylhexyl) phthalate</i>
<i>DNOP (CAS No: 117-84-0)</i>	<i>= Di-n-octyl phthalate</i>
<i>DINP (CAS No: 28553-12-0 & 68515-48-0)</i>	<i>= Di-iso-nonyl phthalate</i>
<i>DIDP (CAS No: 26761-40-0 & 68515-49-1)</i>	<i>= Di-iso-decyl phthalate</i>
<i>DIBP (CAS No: 84-69-5)</i>	<i>= Diisobutyl phthalate</i>
<i>DPENP(DnPP) (CAS No: 131-18-0)</i>	<i>= Di-n-pentyl phthalate</i>
<i>DHEXP(DnHP) (CAS No: 84-75-3)</i>	<i>= Di-n-hexyl phthalate</i>
<i>DCHP (CAS# 84-61-7)</i>	<i>= Dicyclohexyl phthalate</i>
<i>DIHP (CAS No: 71888-89-6)</i>	<i>= 1,2-Benzenedicarboxylic acid, di-C6-8 branched alkyl ester, C7-rich</i>
<i>DHNUP (CAS No: 68515-42-4)</i>	<i>= 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl ester</i>
<i>DMEP (CAS No: 117-82-8)</i>	<i>= Bis(methoxyethyl) phthalate</i>
<i>DPP (CAS No: 84777-06-0)</i>	<i>= 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear</i>
<i>PiPP (CAS No: 776297-69-9)</i>	<i>= n-pentylisopentyl phthalate</i>
<i>DiPP (CAS No: 605-50-5)</i>	<i>= Di-isopentyl phthalate</i>
<i>DHP (CAS No: 68515-50-4)</i>	<i>= 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear</i>
<i>(CAS No: 68515-51-5,68648-93-1)</i>	<i>= 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate</i>

Results reported in percentage

ND = None detected

Detection Limit : Each Phthalate (0.005%)

RESULTS:

