

Test Report No.T51910233182TC Date: MAY 07, 2019 Page 1 of 17

HUAJIA TECHNOLOGY INDUSTRY CO.,LTD. JIAFA MANSION, NO. 9, GUANGYI ROAD, CHENGHAI DISTRICT, SHANTOU CITY, GAUNGDONG PROVINCE, CHINA

The results of this report are extracted from the test report number T51910233161TC where the sample(s) / material(s) of sample is(are) claimed to be identical.

The following samples were submitted and identified by/on behalf of the client as:

REMOTE CONTROL TOYS

Item No. : RC1101, RC1102, RC1103, RC1104, RC1105, RC1106, RC1107, RC1108,

RC1109, RC1110, RC1111, RC1112, RC1113, RC1114, RC1115, RC1116, RC1117, RC1118, RC1119, RC1120, RC1121, RC1122, RC1123, RC1124, RC1125, RC1126, RC1127, RC1128, RC1129, RC1130, RC1131, RC1132, RC1133, RC1134, RC1135, RC1136, RC1137, RC1138, RC1139, RC1140, RC1141, RC1142, RC1143, RC1144, RC1145, RC1146, RC1147, RC1148, RC1149, RC1150, RC1151, RC1152, RC1153, RC1154, RC1155, RC1156, RC1157, RC1158, RC1159, RC1160, RC1161, RC1162, RC1163, RC1164, RC1165, RC1166, RC1167, RC1168, RC1169, RC1170, RC1171, RC1172, RC1173, RC1174, RC1175, RC1176, RC1177, RC1178, RC1179, RC1180

Sample Receiving Date : APR 30, 2019 Further Information Date : MAY 07, 2019

Testing Period : APR 30, 2019 TO MAY 07, 2019





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Test	Test Requested			
1.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content in the specified specimen(s) as listed (Selected test items as specified by the applicant, please refer to test result page(s) for details)	PASS		
2.	Phthalates Content in the specified specimen(s) as listed	SEE RESULT		

******* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *******

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center

Qu Ping, Kiky

Dept. Manager





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Results:

1. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 -Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	R	esult (s) (%	6)		
Alias No.		1	1	1	MDL	Permissible
Tracing No.		1	2	3	(%)	Limit (%)
Specimen No.		1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND		0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND		0.1



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Test Item(s)	CAS No.	Result	(s) (%)		
Alias No.		1	1	MDL	Permissible
Tracing No.		4	5	(%)	Limit (%)
Specimen No.		4	5		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	0.004		0.1
Total (DINP+DNOP+DIDP)		ND	ND		0.1

Test Item(s)	CAS No.	Result (s) (%)			
Alias No.		1	1	MDL	Permissible
Tracing No.		6	14	(%)	Limit (%)
Specimen No.		6	7		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND		0.1
Total (DINP+DNOP+DIDP)		ND	ND		0.1



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Specimen Description:

- 1. Black soft plastic (Wheel) + Matt-black soft plastic (Body)
- 2. Grey plastic (Body) + Red plastic (Switch) + White plastic (Body)
- 3. Blue plastic (Body) + Dull blue plastic (Wheel) + Light green plastic sheet (Battery)
- 4. Black plastic (Battery) + Black plastic (Wire jacket) + Red plastic (Wire jacket)
- 5. Black plastic (Remote control) + Red plastic (Button)
- 6. Dull red plastic (Remote control) + Transparent red plastic (LED)
- 7. Green plastic (Wheel) w/ Silvery w/ red coating (Body) w/ Black coating (Body)

Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article(As per client's request)

Test Item(s)	CAS No.	F	Result (s) (%	6)		
Alias No.		1	1	1	MDL	Permissible
Tracing No.		7	8	9	(%)	Limit (%)
Specimen No.		1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	0.018	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.005	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	0.022	0.005		0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND		



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Test Item(s)	CAS No.	Result (s) (%)				
Alias No.		1	1	1	MDL	Permissible
Tracing No.		10	11	12	(%)	Limit (%)
Specimen No.		4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.006	0.005	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		0.006	0.005	ND		0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND		

Test Item(s)	CAS No.	Result	(s) (%)		
Alias No.		1	1	MDL	Permissible
Tracing No.		13	15	(%)	Limit (%)
Specimen No.		7	8		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.019	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	0.019		0.1
Total (DINP+DNOP+DIDP)		ND	ND		



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Specimen Description:

- 1. White plastic (Motor) + Snow-white plastic (Plug) + Cream plastic (Plug)
- 2. Transparent plastic (Inner) + Transparent plastic (Wire jacket) + Black plastic (Button)
- 3. Black plastic (Base of button) + Black plastic (Wire jacket) (Thick) + Red plastic (Wire jacket) (Thick)
- 4. Matt-black plastic (Wire jacket) (Thick) + Light red plastic (Wire jacket) (Thin) + Black plastic (Wire jacket) (Thin)
- 5. Blue plastic (Wire jacket) + White plastic (Wire jacket) + Transparent plastic (LED)
- 6. Bright black plastic (Inner holder) + Matt-black plastic (Motor box) + Cream plastic (Motor)
- 7. White printed black plastic sheet (Capacitance) + Black soft plastic stopper (Capacitance)
- 8. Transparent yellow lube (Inner)

Note: - ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit
- % = percentage by weight
- Results shown as ND are ignored in the sum calculation
- The result(s) is (are) calculated using the total specimen weight for composite test
- Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article, DINP, DNOP and DIDP are tested per client's request, results for client reference only



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2. Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		1	2	MDL (%)
Alias No.		2	2	
Tracing No.		1	2	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		3	4	MDL (%)
Alias No.		2	2	
Tracing No.		3	4	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		5	6	MDL (%)
Alias No.		2	2	
Tracing No.		5	6	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.004	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		7	8	MDL (%)
Alias No.		2	2	
Tracing No.		7	8	
Dibutyl Phthalate (DBP)	84-74-2	ND	0.018	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		9	10	MDL (%)
Alias No.		2	2	
Tracing No.		9	10	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.005	0.006	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		11	12	MDL (%)
Alias No.		2	2	
Tracing No.		11	12	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.005	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		13	14	MDL (%)
Alias No.		2	2	
Tracing No.		13	14	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)		
Specimen No.		15	MDL (%)	
Alias No.		2		
Tracing No.		15		
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003	
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003	
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.019	0.003	
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010	
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010	
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003	
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	0.003	
Di-n-pentlyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	0.003	
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003	

Specimen Description:

- 1. Black soft plastic (Wheel) + Matt-black soft plastic (Body)
- 2. Grey plastic (Body) + Red plastic (Switch) + White plastic (Body)
- 3. Blue plastic (Body) + Dull blue plastic (Wheel) + Light green plastic sheet (Battery)
- 4. Black plastic (Battery) + Black plastic (Wire jacket) + Red plastic (Wire jacket)
- 5. Black plastic (Remote control) + Red plastic (Button)
- 6. Dull red plastic (Remote control) + Transparent red plastic (LED)
- 7. White plastic (Motor) + Snow-white plastic (Plug) + Cream plastic (Plug)
- 8. Transparent plastic (Inner) + Transparent plastic (Wire jacket) + Black plastic (Button)
- 9. Black plastic (Base of button) + Black plastic (Wire jacket) (Thick) + Red plastic (Wire jacket) (Thick)
- 10. Matt-black plastic (Wire jacket) (Thick) + Light red plastic (Wire jacket) (Thin) + Black plastic (Wire jacket) (Thin)
- 11. Blue plastic (Wire jacket) + White plastic (Wire jacket) + Transparent plastic (LED)
- 12. Bright black plastic (Inner holder) + Matt-black plastic (Motor box) + Cream plastic (Motor)
- 13. White printed black plastic sheet (Capacitance) + Black soft plastic stopper (Capacitance)
- 14. Green plastic (Wheel) w/ Silvery w/ red coating (Body) w/ Black coating (Body)
- 15. Transparent yellow lube (Inner)



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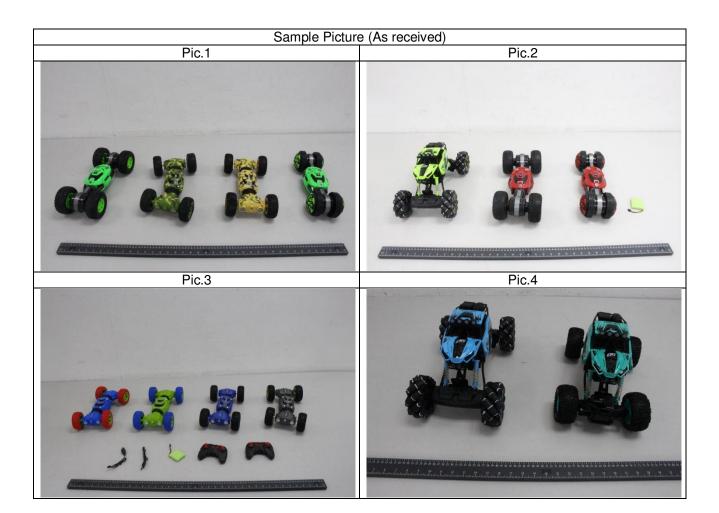
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Note: - MDL = Method Detection Limit

- ND = Not Detected (lower than MDL)

- % = percentage by weight

- The result(s) is (are) calculated using the total specimen weight for composite test





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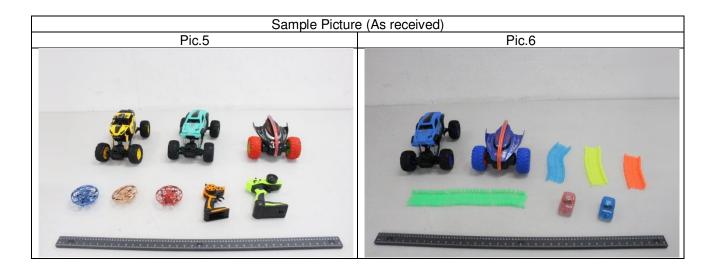
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