



Test Report

No.T52210252554TC

Date: APR 08, 2022

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JIAN FENG YUAN TOYS CO.,LTD
LIANNAN RD.,LIANXIA TOWN,CHENGHAI AREA,
SHANTOU CITY,GUANGDONG PROVINCE,CHINA

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

TOY CAR SERIES

Client Reference Information : 28610,28810,28610H,28810H,29512,29612,29712,29812,29912,27112,
29512M,29612M,29712M,29812M,29912M,27112M,28614,28714,28814,
28914,29114,29214,29314,28614M,28714M,28814M,29214M,29314M,
29516M,29616M,29716M,29816M,29916M,27116M,29516,29616,29716,
29816,29916,27116,28618M,28718M,28818M,28918M,29118M,29218M,
29318M,28618,28718,28818,29218,29318,28624M,28724M,28824M,
28924M,29124M,29224M,29324M,29524M,29624M,29724M,29824M,
29924M,27124M,6124M,6224M,6324M,6524M,6624M,6724M,6824M,
2242,2245,3004,0651,2241,6312,6612,6712

Sample Receiving Date : MAR 27, 2022
Further Information Date : MAR 30, 2022
Testing Period : MAR 27, 2022 TO APR 08, 2022



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Test Requested	Conclusion
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	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:

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.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	1	1	1		
Tracing No.	--	1	2	3		
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

Specimen Description:

1. Black plastic (Bottom) + Transparent plastic (Light) + Orange-red plastic (Bodywork)
2. Black soft plastic (Mirror) + Black soft plastic (Tyre) + Black soft plastic (Antenna)
3. Green w/ white, multi-color coating on plastic (Bodywork)

- 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



Phthalates Content

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

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

Test Item(s) Specimen No.	CAS No.	Result(s) (%)			MDL (%)
		1	2	3	
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	ND	0.003
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	ND	ND	ND	0.025

Specimen Description:

1. Black plastic (Bottom) + Transparent plastic (Light) + Orange-red plastic (Bodywork)
2. Black soft plastic (Mirror) + Black soft plastic (Tyre) + Black soft plastic (Antenna)
3. Green w/ white, multi-color coating on plastic (Bodywork)

- 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
 - ^ = a mixture of i) Di-n-pentyl phthalate (DPP); ii) N-pentyl-isopentylphthalate (nPiPP) and iii) Diisopentyl phthalate (DiPP)



Remark 1: Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.

Remark 2: The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012)- When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$



Sample Picture (As received)

Pic.1



Pic.2



Pic.3



Pic.4



Sample Picture (As received)

Pic.5



Pic.6



Pic.7



Pic.8



Sample Picture (As received)

Pic.9



Pic.10



Pic.11



Pic.12



Sample Picture (As received)

Pic.13



Pic.14



Pic.15



Pic.16



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Sample Picture (As received)

Pic.17



Pic.18



Pic.19



Pic.20



Sample Picture (As received)

Pic.21



Pic.22



Pic.23



Pic.24



Sample Picture (As received)

Pic.25



Pic.26



Pic.27



Pic.28



Sample Picture (As received)

Pic.29



Pic.30



Pic.31



Pic.32



Sample Picture (As received)

Pic.33



Pic.34



Pic.35



Pic.36



Sample Picture (As received)

Pic.37



Pic.38



Pic.39



Pic.40



Sample Picture (As received)

Pic.41



Pic.42



Pic.43



Pic.44



Sample Picture (As received)

Pic.45



Pic.46



Pic.47



Pic.48



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Pic.49



Pic.50



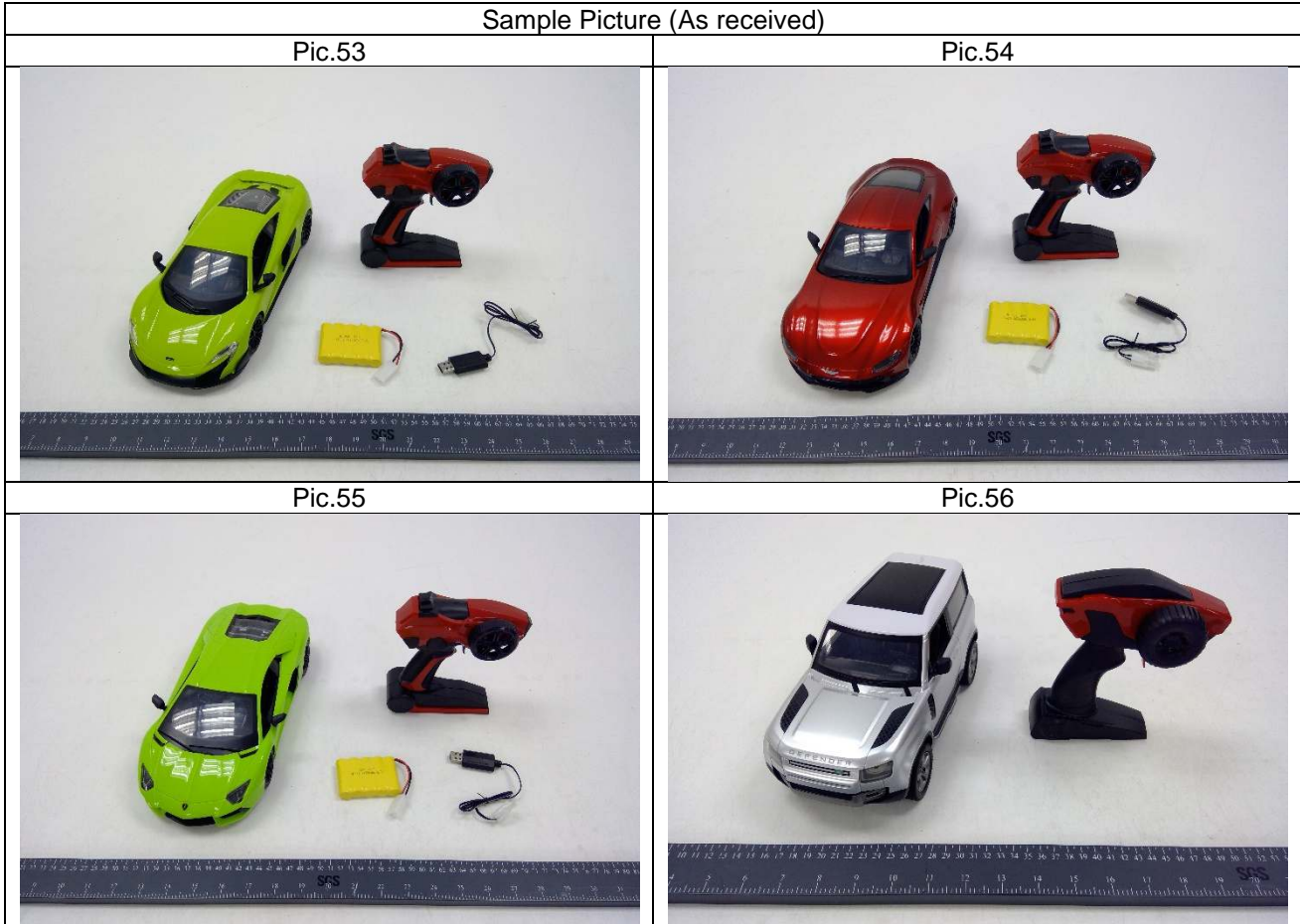
Pic.51



Pic.52



Sample Picture (As received)



SGS authenticate the photo on original report only

*** End of Report ***

