



Test Report

No.T52110332360TC

Date: JAN 07, 2022

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SHANTOU CITY CHENGHAI ESTATE WENSHENG
PLASTIC TOYS INDUSTRY CO.,LTD
DONGHOU INDUSTRIAL ESTATE,FENGXIANG STREET,
CHENGHAI ESTATE,SHANTOU CITY,GUANGDONG PROVINCE,P.R.CHINA

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

ASSEMBLED MODEL TOY

Client Reference Information : WS5701,WS5702,WS5703,WS5705,WS5706,WS5707,WS5708,WS5709,
WS5710,WS5711,WS5712,WS5713,WS5715,WS5716,WS5717,WS5718,
WS5719,WS5720,WS5721,WS5722,WS5723,WS5725,WS5726,WS5727,
WS5728,WS5729,WS5730,WS5731,WS5732,WS5733,WS5735,WS5736,
WS5737,WS5738,WS5739,WS5750,WS5751,WS5752,WS5753,WS5755,
5701,5702,5703,5705,5706,5707,5708,5709,5710,5711,5712,5713,5715,
5716,5717,5718,5719,5720,5721,5722,5723,5725,5726,5727,5728,5729,
5730,5731,5732,5733,5735,5736,5737,5738,5739,5750,5751,5752,5753,
5755

Sample Receiving Date : DEC 23, 2021
Last Submission Sample Date : DEC 29, 2021
Testing Period : DEC 23, 2021 TO JAN 07, 2022



SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center Hardlines

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Test Requested		Conclusion
1.	CPSIA section 101 - Total Lead content in the specified specimen(s) as listed	--
1.1	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
1.2	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
2.	US 16 CFR Part 1307 – Phthalates in the specified specimen(s) as listed	PASS
3.	Client’s Requirement – Phthalates Content in the specified specimen(s) as listed	PASS

***** 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



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Results:

1.1 CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			90
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Blue wet paint	2	1	ND
2. Red wet paint	2	2	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

1.2 CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children’s Metal Products (Including Children’s Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit **(ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Golden plastic (Block)	1	1	ND
2. Blue plastic w/ silvery glitter inside (Block)	1	2	ND
3. Green plastic (Block)	1	3	ND
4. Black plastic (Body)	1	4	ND
5. Cyan soft plastic (Accessory)	1	5	ND
6. Dark grey plastic (Block)	1	6	ND
7. Red plastic (Block)	1	7	ND
8. Silvery metal screw	3	1	ND

** Permissible Limit applies to a children’s product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)



- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

2. US 16 CFR Part 1307 – 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) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	4	4	4		
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	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

Specimen Description:

1. Green plastic (Block) + Black plastic (Body) + Dark grey plastic (Block)
2. Blue wet paint + Red wet paint + Green wet paint
3. Blue soft plastic (Accessory) + Orange-yellow soft plastic (Accessory) + Black soft plastic (Accessory)

- Note:
- % = percentage by weight
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the total specimen weight for composite test.



3. 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) (%)			MDL (%)	Client's Limit (%)
		1	2	3		
Specimen No.	--	1	2	3		
Alias No.	--	5	5	5		
Tracing No.	--	1	2	3		
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	0.1

Specimen Description:

1. Green plastic (Block) + Black plastic (Body) + Dark grey plastic (Block)
2. Blue wet paint + Red wet paint + Green wet paint
3. Blue soft plastic (Accessory) + Orange-yellow soft plastic (Accessory) + Black soft plastic (Accessory)

- 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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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 $T_L + U_{95}$

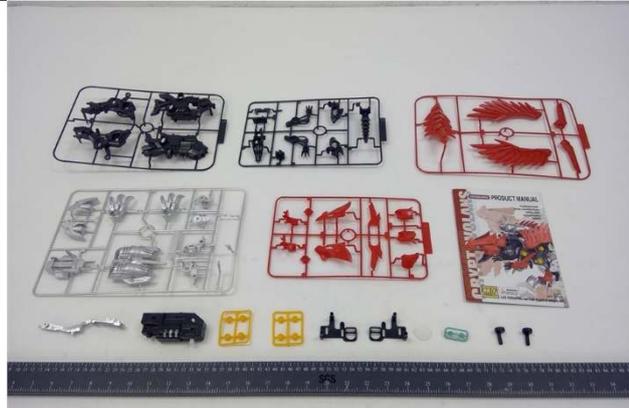
Fail - when the measurement result is below $T_L - U_{95}$

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



Sample Picture (As received)

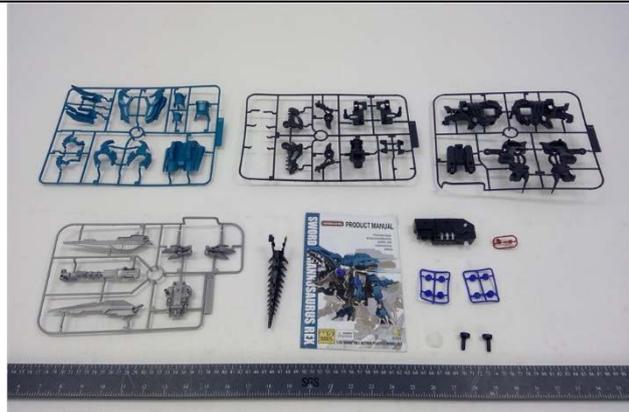
Pic.1



Pic.2



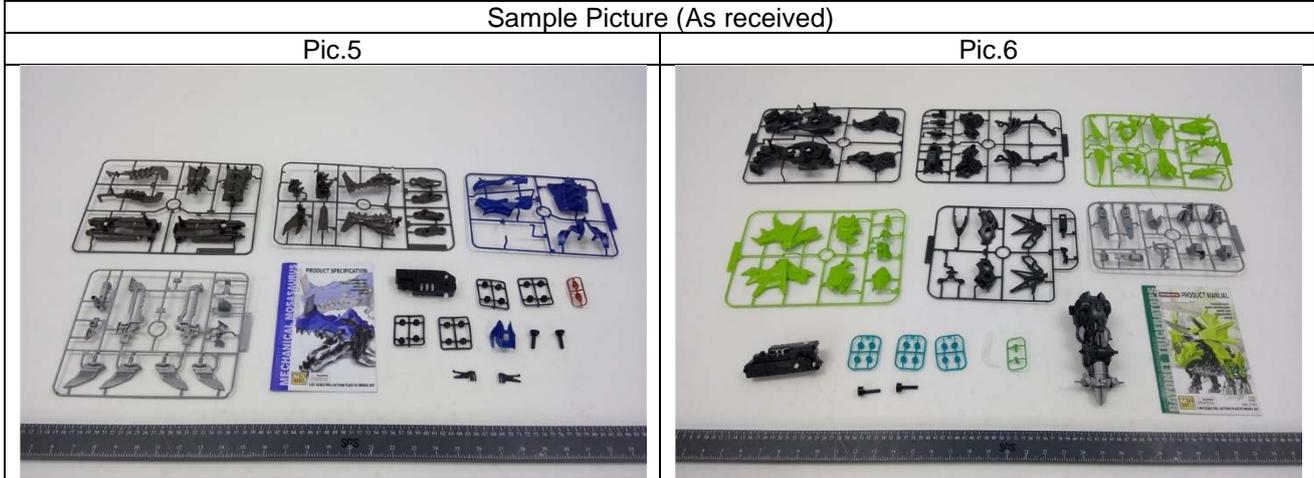
Pic.3



Pic.4



Sample Picture (As received)



SGS authenticate the photo on original report only

*** End of Report ***

