



Test Report

No.T52110290134TC

Date: AUG 09, 2021

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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:

PUZZLE TOY SERIES

Client Reference Information : WS5319,WS5320,WS5321,WS5322,WS5323,WS5325,WS5326,WS5327,
WS5328,WS5329,WS5330,WS5331,WS5332,WS5333,WS5335,WS5336,
WS5337,WS5338,WS5339,WS5350,WS5351,WS5352,WS5353,WS5355,
WS5357-1,WS5357-2,WS5359,WS5360,WS5361-1,WS5361-2,
WS5365,WS5366-1,WS5366-2,WS5367,WS5368,WS5369-1,WS5369-2,
WS5369-3,WS5370,WS5371,WS5372,WS5373-A,WS5373-B,WS5373-C,
WS5373-D,WS5375-1,WS5375-2,WS5376,WS5377,WS5377-1,
WS5377-2,WS5371-1,WS5371-2,WS5378,WS5379,WS5380,WS5381,
WS5382,WS5383,WS5385,WS5301,WS5302,WS5303,WS5305,WS5306,
WS5307,WS5308,WS5309,WS5310,WS5311,WS5312,WS5313,WS5315,
WS5316,WS5317,WS5318

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Sample Receiving Date : AUG 03, 2021

Testing Period : AUG 03, 2021 TO AUG 09, 2021



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

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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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 Shenzhen Branch Testing Center Hardlines

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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.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	1	1		
Tracing No.	--	1	2		
<b>Specimen No.</b>	--	<b>1</b>	<b>2</b>		
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

Specimen Description:

1. Brown plastic (Body) + Orange plastic (Body) + Blue plastic (Body)
2. Grey plastic (Body) + Pink plastic (Body)

- 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



**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) (%)		MDL (%)
Specimen No.	--	1	2	
Alias No.	--	2	2	
Tracing No.	--	1	2	
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003

Specimen Description:

1. Brown plastic (Body) + Orange plastic (Body) + Blue plastic (Body)
2. Grey plastic (Body) + Pink plastic (Body)

- 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

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



SGS authenticate the photo on original report only

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

