

# Test Report

No. F690101/LF-CTSAYHA19-08606

Issued Date : 2019. 07. 26

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**SUNMICROTEK**

1107 Gayang Techno Town, 17  
Heojun-ro, Gangseo-gu, Seoul  
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

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**SGS File No.** : AYHA19-08606  
**Sample Description** : Chameleon  
**Style no./Item no.** : -  
**Order No.** : -  
**Buyer** : -  
**Manufacturer** : SUNMICROTEK  
**Country of Origin** : KOREA  
**Country of Destination** : -  
**Received Date** : 2019. 07. 19  
**Test Period** : 2019. 07. 19 to 2019. 07. 26  
**Test Requested** : As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):-  
     1) Lead in accessible substrate materials  
     2) Phthalates  
**Test Method and Results** : For further details, please refer to following page (s)  
**Result Summary** :

<u>Item</u>	<u>Test Parameter</u>	<u>Conclusion</u>
1	CPSIA section 101(a)(2) - Lead in accessible substrate materials	PASS
2	CPSIA Section 108 - Phthalate content	PASS

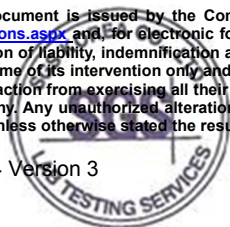
Remark: Test results in this report are applicable for the item tested and reflects the tested sample as received.

SGS Korea Co., Ltd.



Tommy Oh / Chemical Lab Mgr

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## Results :

### 1) Lead in accessible substrate materials

Test Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

Test Item	Result(s)	Permissible Limit
	<u>1</u>	
Lead (Pb)	N. D.	0.01 %
<b>Conclusion</b>	<b>PASS</b>	--

## Sample Description :

1. Chameleon

- Note:
1. % = percentage by weight
  2. 1% = 10000ppm (mg/kg)
  3. N. D. = Not Detected
  4. Method Detection Limit = 0.002 %

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**2) Phthalates**

Test Method: With reference to CPSC-CH-C1001-09.3+. Analysis was performed by GC-MS.

Concentration of phthalates in components of child care articles and toy product

Test Item(s)	CAS No.	Unit	Result(s)	Permissible Limit per component
			1	
Dibutyl Phthalate (DBP)	84-74-2	%	N. D.	0.1 %
Benzylbutyl Phthalate (BBP)	85-68-7	%	N. D.	0.1 %
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%	N. D.	0.1 %
Di-isononylphthalate (DINP)	28553-12-0 / 68515-48-0	%	N. D.	0.1 %
Di-cyclohexylphthalate (DCHP)	84-61-7	%	N. D.	0.1 %
Di-n-Hexylphthalate (DnHP)	84-75-3	%	N. D.	0.1 %
Diisobutyl phthalate (DIBP)	84-69-5	%	N. D.	0.1 %
Di-n-pentylphthalate (DnPP)	131-18-0	%	N. D.	0.1 %
<b>Conclusion</b>		--	<b>PASS</b>	--

Sample Description :

1. Chameleon

- Note:
1. N. D. = Not Detected (lower than Detection Limit)
  2. 1 % = percentage by weight
  3. 1 % = 10000 ppm (mg/kg)
  4. Detection Limit for each phthalate = 0.015 %
  5. + = According to 16 CFR 1307 'Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates'

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Picture of Sample as Received :



**AYHA19-08606**

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

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