

## SHANTOU CHENGHAI LUCK STRNG ANIMATION LTD.

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SHANTOU CHENGHAI LUCK STRNG ANIMATION

CHENGHAI, SHANTOU CITY, GUANGDONG, CHINA

Sample Description: ANIMALS SERIES / DINOSAUR SERIES

Vendor: N/A Sample Size:

Manufacturer:N/AStyle No(s):SEE ATTACHMENTLabeled Age Grade:NOT RECORDSKN/SKU No.:NOT PROVIDEAppropriate Age Grade:NOT REQUESTEDPO No.:NOT PROVIDEClient Specified Age3+Ref #:NOT PROVIDE

Grade:

Tested Age Grade: OVER 3 YEARS OF AGE Country of Origin: CHINA

UPC Code:N/AAssortment No.:NOT PROVIDETest Starting Date:MAY 7, 2020Test Finished Date:MAY 11, 2020

### **EXECUTIVE SUMMARY:**

The tested component sample(s) MEETS the following requirement(s):

 The Polycyclic Aromatic Hydrocarbons (PAHs) Content requirement of German Product Safety Commission GS Specification AfPS GS 2014:01 PAK, "Testing and validation of PAHs in products in the course of GS-Mark Certification".

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) /

submitted component(s).



BUREAU VERITAS SHENZHEN CO.,LTD DONGGUAN BRANCH

Harvey Xue

Manager, Analytical Lab

RT/Sammy du/Hunter

REMARK

If there are questions or concerns on this report, please contact the following persons:

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### ATTACHMENT:

Style No(s):

M100, S1-T, F1-W, M301, M302, M303, M304, M305, M306, M307, M308, M309,

A961,A962,A963,A964,A965,A966,A967, A968,A969,A970,

A961,A962,A963,A964,A965,A966,A967,A968,A969,A970,

B961,B962,B963,B964,B965,B966,B967,B968.B969.B970, B961-1, B961-2, B961-3, B961-4, B961-5,

B962-1, B962-2, B962-3, B962-4, B962-5,

B963-1, B963-2, B963-3.B963-4, B963-5,

B964-1, B964-2, B964-3, B964-4, B964-5,

B965-1, B965-2, B965-3, B965-4, B965-5,

B966-1,B966-2.B966-3,B966-4,B966-5,

C961,C962,C963,C964,C965,C966,C967,C968,C969,C970, C961-1, C961-2, C961-3,C961-4,C961-5,

C962-1, C962-2, C962-3, C962-4, C962-5,

C963-1, C963-2, C963-3, C963-4, C963-5,

C964-1, C964-2, C964-3, C964-4, C964-5,

C965-1, C965-2, C965-3, C965-4, C965-5,

C966-1, C966-2, C966-3, C966-4, C966-5,

D961,D962,D963,D964,D965,D966,D967,D968,D969,D970,

\$1,\$2,\$3,\$4,\$5,\$6,\$7,\$8,\$9,\$10,

S1-1,S1-2,S1-3,S1-4,S1-5,S1-6,S1-7,S1-8,S1-9,S1-10,

S2-1,S2-2,S2-3,S2-4,S2-5,S2-6,S2-7,S2-8, S2-9, S2-10,

T1,T2,T3,T4,T5,T6,T7,T8,T9,T10,

K1, K2, K3, K4, K5, K6, K7, K8, K9, K10,

H1 ,H2,H3,H4,H5,H6,H7,H8,H9,H10,

MO1 ,M02,M03,M04 ,M05,M06,M07 ,M08,M09,M10, M11 , M12, M13, M14, M15, M16, M17, M18, M19, M20,

M21,M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41,

M42,M43, M44, M45, M46, M47, M48, M49, M50, M51, M52, M53, M54, M55, M56,

M57,M58,M59,M60,M61,M62,M63,M64,M65,M66,M67,M68,M69,M70,

D1-PB, W01, V01, V01-S, D1-W, S1-7, M06-1, M06-2, M05-1, M05-2 PT2003,

PT2004, PT2005, PT2006, PT2007, PT2008, PT5006, PT5007, PT5008, PT5019, PT5021, 2512.0052, 6404821, 3542, 3537, 3520, GW5022, GW5023, GW5024, GW5025, GW5026, GW5027

### **Tested Component(s) Description List:**

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1001	Gray plastic	Dinosaur	-



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### **RESULTS:**

# Polycyclic Aromatic Hydrocarbons (PAHs) Content – German Product Safety Commission GS Specification AfPS GS 2014:01 PAK

Test Method : With reference to test method mentioned in German AfPS GS 2014:01 PAK

Type (See Comment for the List of Types)	1	lla	IIb	Illa	IIIb
Test Parameter(s)	Limit <sup>[a]</sup> ( mg/kg )				
Each of Benzo (a) pyrene, Benzo (e) pyrene, Benzo (a) anthracene, Benzo (b) fluoranthene, Benzo (j) fluoranthene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene and Indeno (1,2,3-cd) pyrene	< 0.2	< 0.2	< 0.5	< 0.5	<1
Naphthalene	< 1	< 2	<2	< 10	< 10
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene and Fluoranthene (Sum of No.11 to No.17 of listed PAHs)	< 1	< 5	< 10	< 20	< 50
Sum of all listed PAHs	< 1	< 5	< 10	< 20	< 50

Toot Itom (a)	T. m.a	Result			O a malurai a m
Test Item(s)	Type	Detected Analyte(s)	Conc.	Unit	Conclusion
1001	lla	Naphthalene	0.24	ma/ka	PASS
1001	IIa	Sum of all listed PAHs	0.24	mg/kg	PASS

### Note / key:

ND = Not detected ">" = More than Conc. = Concentration

mg/kg = milligram(s) per kilogram "<" = Less than
Detection Limit (mg/kg): Each PAHs: 0.2; Sum of all PAHs: 0.2

#### Remark:

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.
- Plasticized and rubberized prints, coatings and plastic materials of product are applicable to be tested.
- [a] Denotes as this (these) limit(s) applies to product(s) with GS-Mark dated on or after July 01, 2015.

ist of Types [ Categories defined in German AfPS GS 2014:01 PAK ] :				
Category	Category Description(s)			
1	Category 1: Materials intended for mouth contact or materials in toys with intended long-term skin contact for more than 30 seconds	I		
2	Category 2: Materials which are not covered in Category 1 with foreseeable contact to skin longer than 30 seconds (Long-term skin contact) or repeated short-term skin contact	IIa <sup>[a]</sup> or IIb <sup>[</sup>		
3	Category 3: Materials which are not covered in Category 1 or Category 2 with foreseeable skin contact up to 30 seconds (Short-term skin contact)	IIIa <sup>[a]</sup> or IIIb		

<sup>[</sup>a] denotes as toys according to European Parliament and Council Directive 2009/48/EC

<sup>[</sup>b] denotes as other products according to German ProdSG



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# **RESULTS:**

# APPENDIX:

No.	Name of Analyte(s)	CAS-No.	No.	Name of Analyte(s)	CAS-No.
1	Benzo (a) pyrene	50-32-8	10	Indeno (1,2,3-cd) pyrene	193-39-5
2	Benzo (e) pyrene	192-97-2	11	Acenaphthylene	208-96-8
3	Benzo (a) anthracene	56-55-3	12	Acenaphthene	83-32-9
4	Benzo (b) fluoranthene	205-99-2	13	Fluorene	86-73-7
5	Benzo (j) fluoranthene	205-82-3	14	Phenanthrene	85-01-8
6	Benzo (k) fluoranthene	207-08-9	15	Pyrene	129-00-0
7	Chrysene	218-01-9	16	Anthracene	120-12-7
8	Dibenzo (a,h) anthracene	53-70-3	17	Fluoranthene	206-44-0
9	Benzo (g,h,i) perylene	191-24-2	18	Naphthalene	91-20-3



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## **RESULTS:**



END OF REPORT