

# Test Report

No.: QDHL1911018936TY

Date: DEC 9, 2019

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THE FOLLOW APOLLO SERIES, LLC  
130 SOUTH ELM STREET, HINSDALE, IL, 60521 USA

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

Sample Quantity	: 1 STYLE x 3 PCS
SGS Ref. No.	: TAOTY1905604101
Style / Item No.	: PID.030
P.O. No.	: PT19102801
Importer	: [REDACTED]
Supplier	: CUSTOMPLUSHMAKER(TOYSEEI) CO., LTD
Manufacturer	: CUSTOMPLUSHMAKER(TOYSEEI) CO., LTD
Country of Origin	: CHINA
Country of Destination	: USA
Labeled Age Grading	: 0+
Requested Age Grading	: 0+
Age Group Assessed As Per Age Guideline	: ALL AGES
Age Group Applied in Testing	: ALL AGES
Sample Receiving Date	: DEC 3, 2019
Final Sample Submission Date	: DEC 9, 2019
Testing Period	: DEC 3, 2019 TO DEC 9, 2019



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### Test Requested

1. For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.
2. Per applicant's request, for compliance with US public law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA)  
(1) CPSIA section 103 - tracking labels for children's products

### Result

Pass

Pass

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

SGS-CSTC Standards  
Technical Services (Qingdao)  
Co., Ltd.




Zhou Xinkuan, SK  
Lab Manager



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Result:

## 1. ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

Clause	Description	Result
4	Safety Requirements	
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass (See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	Pass (See Result Page)
4.3.5.2	Heavy Metal in Substrate Materials	Pass (See Result Page)
4.3.7	Stuffing Materials	Pass (See Result Page)
4.6.1	Small Objects	Pass
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.14	Cords, Straps and Elastic	Pass
4.27	Stuffed and Beanbag-Type Toys	Pass
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass
7	Producer's Markings	
7.1	Producer's Markings	Pass
8.5	Normal Use Testing	Pass
8.5.1	Washable Toys	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass

\*\* Visual Examination



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## Result Page:

### ASTM F963-17, Clause 4.2 – Flammability Test Flammability Test on Solid

Sample  
Plush toy

Burning Rate (inch/sec)  
0.03

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

### American Society for Testing and Materials –ASTM F 963-17 – soluble heavy metal in Substrate Materials/paint and similar surface-coating materials

Test Method : With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
<b>Conclusion</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Test Item(s)	Limit	Unit	MDL	004	005	006
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
<b>Conclusion</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>



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Test Item(s)	Limit	Unit	MDL	007	008	009
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
<b>Conclusion</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Test Item(s)	Limit	Unit	MDL	010	011	012
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
<b>Conclusion</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Test Item(s)	Limit	Unit	MDL	013
Soluble Lead (Pb)	90	mg/kg	5	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND
Soluble Selenium (Se)	500	mg/kg	10	ND
<b>Conclusion</b>				<b>PASS</b>

### Notes :

- (1) Results shown are of the adjusted analytical results.
- (2) Mass of trace amount of sample ID 011 = 22.5 mg, 013 = 21.9 mg.



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### American Society for Testing and Materials -ASTM F 963-17 - total Lead in paint and similar surface-coating materials

Test Method : With reference to CPSC Test Method: CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>013</u>
Total Lead (Pb)	90	mg/kg	20	ND
<b>Conclusion</b>	<b>PASS</b>			

### American Society for Testing and Materials -ASTM F 963-17 - total Lead in Substrate Materials

Test Method : With reference to CPSC Test Method: CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND
<b>Conclusion</b>	<b>PASS</b>		<b>PASS</b>		

#### Test Part Description :

<b>Specimen No.</b>	<b>SGS Sample ID</b>	<b>Description</b>
SN1	TAO19-056041.001	Brown flannel with brown sewing thread (Head)
SN2	TAO19-056041.002	Cream flannel with brown/black/white embroidery (Face)
SN3	TAO19-056041.003	Blue flannel with blue/dark blue sewing thread (Cloak)
SN4	TAO19-056041.004	White elastic band (Under cloak)
SN5	TAO19-056041.005	Black printed yellow tricot with yellow sewing thread (Belt & Wristband)
SN6	TAO19-056041.006	White fabric with white sewing thread (Cloths)
SN7	TAO19-056041.007	Brown tricot with light brown sewing thread (Shoes)
SN8	TAO19-056041.008	White woven band
SN9	TAO19-056041.009	White polyester fiber
SN10	TAO19-056041.010	White sponge
SN11	TAO19-056041.011	White non-woven fabric
SN12	TAO19-056041.012	White fabric (Label)
SN13	TAO19-056041.013	Multicolor coating on fabric (Label)



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## Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

## **Standard Consumer Safety Specification on Toy Safety, ASTM F963-17, Clause 4.3.7 – Stuffing Materials**

Method: With reference to ASTM F963-17 Clause 8.29. Visual inspection is performed using a stereo widefield microscope, or equivalent, at 10 x magnification and adequate illumination

Test item		1	Requirement
Loose fillers	Objectionable matter originating from Insect, bird and rodent or other animal infestation	Absent	Absent
	Contaminants such as splinters, glass and metal chips	Absent	Absent

## Specimen Description:

Polyester fiber

N.B. : - Only applicable clauses were shown.

## **2. CPSIA**

### **1) CPSIA section 103 - tracking labels for children's products**

As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

- 1) Name: CUSTOMPLUSHMAKER(TOYSEEI) CO., LTD
- 2) Location: ROOM #526, BUILDING C, WISDOM CUBE PAPK INDUSTRY, NO.80 NINGXIA ROAD, QINGDAO, CHINA
- 3) Date: 2019-11
- 4) Cohort information: PID.030

- Tracking label found on the product:

- 1) Name: CUSTOMPLUSHMAKER(TOYSEEI) CO., LTD
- 2) Location: Zhu cheng City, Made in China
- 3) Date: November 2019
- 4) Cohort information: PID.030

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.



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