

## Test Report

No. C170620019001

Date: Jun 23, 2017

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Brighting Industrial Co., LTD.

Office 903 , Building 23#, Binshuisanli, Jimei district , Xiamen , China

The following samples were submitted and identified on behalf of the clients as

Sample Name: DICE  
CPST Internal Reference No.: C170620019  
Sample Received Date: Jun 20, 2017  
Test Period: Jun 20, 2017 to Jun 23, 2017  
Test Method: Please refer to next pages.  
Test Result: Please refer to next pages.

### CONCLUSION :

TESTED SAMPLES	TEST ITEM	RESULT
DICE	1. Soluble Heavy Metals Content—The European Standard for safety of toys EN71-3:2013+A1:2014	PASS

Signed for and on behalf of  
Eurones Consumer Products Testing Service Co., Ltd

TESTED BY :

REVIEWED BY:

APPROVED BY:

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Project Leader

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Liu Xiao Fang, Sunshine  
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*Will Pan*

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### Photo of the Submitted Sample



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### Test Result(s):

Description of Specimen : Dice(mixed)

### 1. Soluble Heavy Metals —The European Standard for safety of toys EN71-3:2013+A1:2014

Test Method: With reference to EN71-3:2013+A1:2014, analysis was performed by Instruments.

Test Items	Unit	Result	MDL
		Category III	
Soluble Aluminum(Al)	mg/kg	8	5
Soluble Antimony(Sb)	mg/kg	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	0.02
Soluble Barium(Ba)	mg/kg	18	5
Soluble Boron(B)	mg/kg	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	0.05
Soluble trivalent chromium(Cr <sup>3+</sup> )	mg/kg	N.D.	0.05
Soluble hexavalent chrome(Cr <sup>6+</sup> )	mg/kg	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	0.02
Soluble Copper (Cu)	mg/kg	30	5
Soluble Lead (Pb)	mg/kg	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	5
Soluble Tin (Sn)	mg/kg	585	5
Soluble Organotin	mg/kg	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	5
<b>Conclusion</b>	<b>PASS</b>		

Note:

1. mg/kg =milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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### Annex

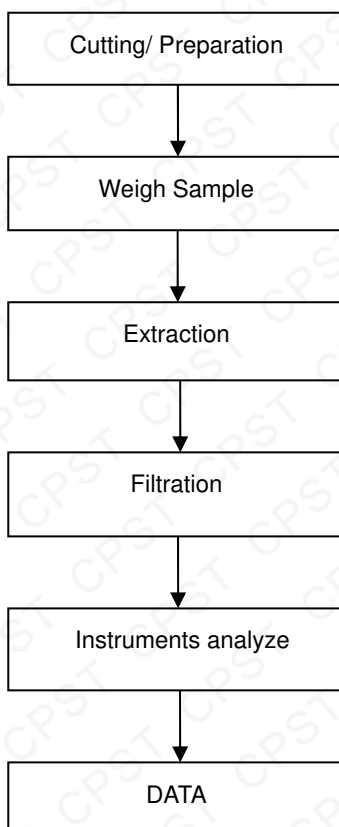
Soluble Element	Limit (mg/kg)		
	Category I	Category II	Category III
	Dry, brittle, powder-like or pliable toy material	Liquid or sticky toy material	Scraped-off toy material
Soluble Aluminum(Al)	5625	1406	70000
Soluble Antimony(Sb)	45	11.3	560
Soluble Arsenic(As)	3.8	0.9	47
Soluble Barium(Ba)	1500	375	18750
Soluble Boron(B)	1200	300	15000
Soluble Cadmium(Cd)	1.3	0.3	17
Soluble trivalent chromium(Cr <sup>3+</sup> )	37.5	9.4	460
Soluble hexavalent chrome (Cr <sup>6+</sup> )	0.02	0.005	0.2
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	13.5	3.4	160
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Soluble Selenium (Se)	37.5	9.4	460
Soluble strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organotin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

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### Soluble Heavy Metals Testing Flow Chart

- 1) Name of the person who made measurement: Andy Wang
- 2) Name of the person in charge of measurement: James Wang



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

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