

# CPST

## Test Report

No. C210518064002-1

Date: May 21, 2021

Page 1 of 5

Applicant: Dongguan Iijing Printing materials Co., LTD.

Applicant Address: Jiean industrial park Mawu village Changping town Dongguan city Guangdong province China.

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

Sample Name: Water-based pigment  
Manufacturer: Dongguan Iijing Printing materials Co., LTD.  
Manufactured Address: Jiean industrial park Mawu village Changping town Dongguan city Guangdong province China.  
CPST Internal Reference No.: C210518064  
Sample Received Date: May 18, 2021  
Test Period: May 18, 2021 to May 21, 2021  
Test Method: Please refer to next page(s).  
Test Result: Please refer to next page(s).

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**CONCLUSION :**

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
Water-based pigment	1. Migration of certain elements—The European Standard for safety of toys EN 71-3:2019	<b>PASS</b>

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CPST  
Euronex Products Testing Service Co., Ltd

Signature for and on behalf of  
Euronex (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY :

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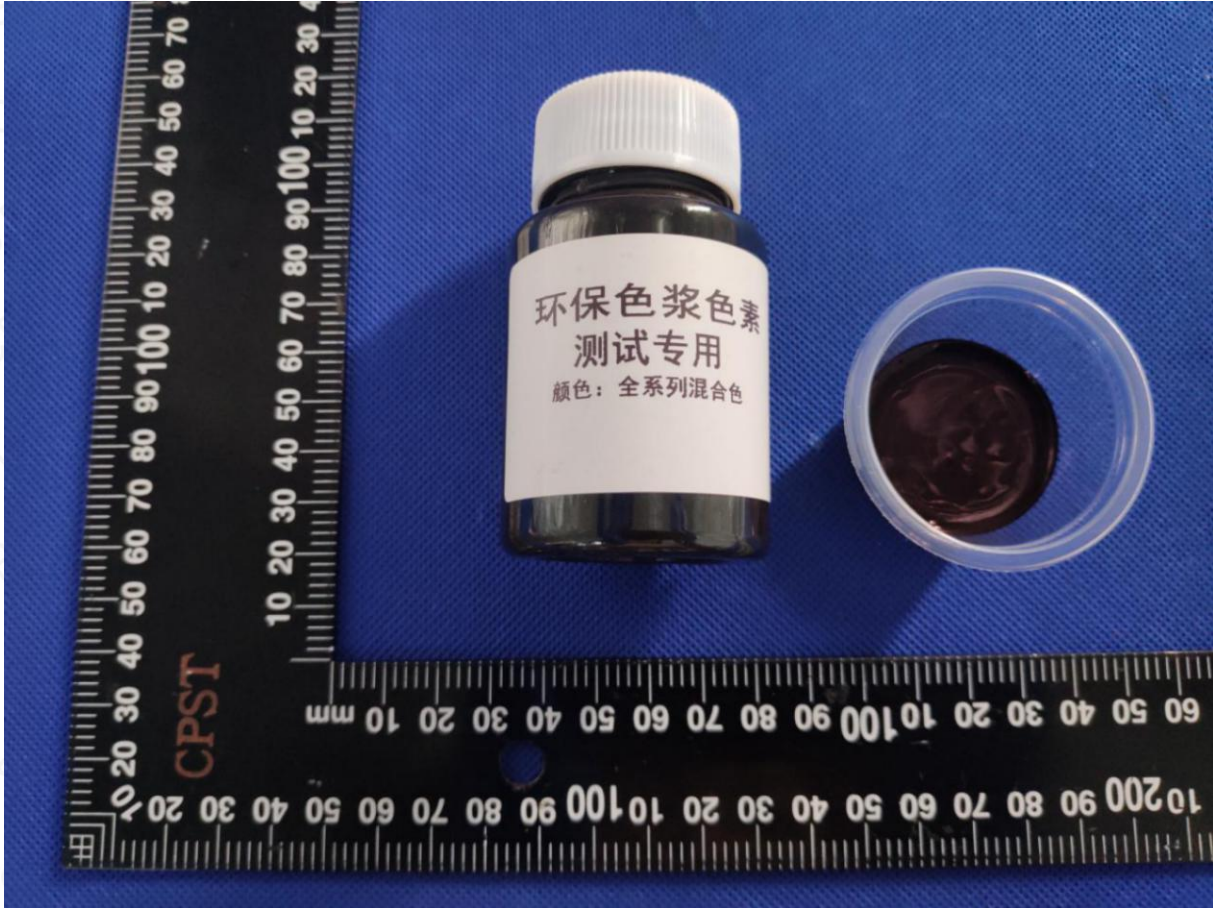
APPROVED BY:

Will Pan

Pan Jian Ding, Will  
Technical Supervisor

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### Photo of the Submitted Sample



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**Test Result(s):**

Description of Specimen : Dark red liquid

**1. Migration of certain elements—The European Standard for safety of toys EN 71-3:2019**

Test Method: With reference to EN 71-3:2019, analysis was performed by Instruments.

Test Items	Unit	Result	MDL
		Category III	
Soluble Aluminum(Al)	mg/kg	15	5
Soluble Antimony(Sb)	mg/kg	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	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	0.79	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	24	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	N.D.	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

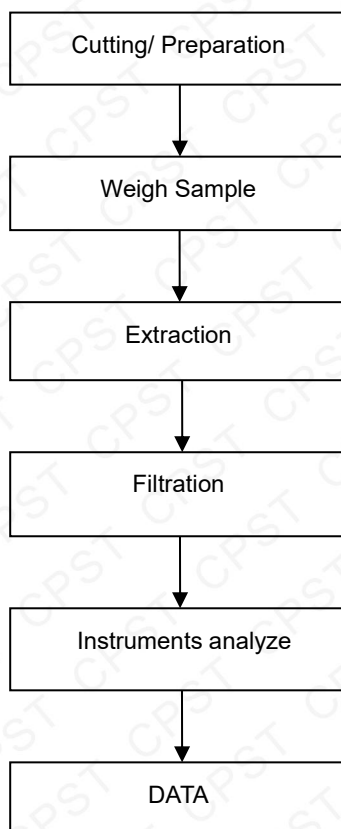
Soluble Element	Limit (mg/kg)		
	Category I	Category II	Category III
	Dry, brittle, powder-like or pliable toy material	Liquid or sticky toy material	Scraped-off toy material
Soluble Aluminum(Al)	2250	560	28130
Soluble Antimony(Sb)	45	11.3	560
Soluble Arsenic(As)	3.8	0.9	47
Soluble Barium(Ba)	1500	375	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	0.053
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	2.0	0.5	23
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

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

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### Migration of certain elements Testing Flow Chart



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

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