

## Test Report 测试报告

No. C191209045001  
编号: C191209045001

Date: Dec 11, 2019  
日期: 2019年12月11日

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Applicant: Guangdong Weiwang New Material Co., Ltd

申请商: 广东伟旺新材料有限公司

Applicant Address: No.2, A zone, Shengshi Industrial Zone, Zhongcun Street, Panyu District, Guangzhou

申请商地址: 广州市番禺区钟村街道胜石工业区A区2号

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

以下测试之样品是由申请者所提供及确认

Sample Name:	Hot melt glue stick/ Hot melt glue granule
样品名称:	热熔胶棒/热熔胶粒
CPST Internal Reference No:	C191209045
CPST 参考编号:	C191209045
Date of Sample Received:	Dec 09, 2019
收样日期:	2019年12月09日
Testing Period:	Dec 09, 2019 to Dec 11, 2019
测试周期:	2019年12月09日至2019年12月11日
Test Method:	Please refer to next page(s)
测试方法:	请参见下一页
Test Result:	Please refer to next page(s)
测试结果:	请参见下一页



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

TESTED BY :

REVIEWED BY:

APPROVED BY:

David Wan

Wan Da Wei, David  
Project Leader

Sunshine Liu

Liu Xiao Fang, Sunshine  
Report Reviewer

Will Pan

Pan Jian Ding, Will  
Technical Supervisor

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\*\*\*\*\*  
**CONCLUSION:**

结论:

**TESTED SAMPLES**

测试样品

Hot melt glue stick/ Hot  
melt glue granule  
热熔胶棒/热熔胶粒

**TEST ITEM**

测试项目

1. Migration of certain elements—The European Standard  
for safety of toys EN 71-3:2013+A3:2018  
1. 某些元素的可溶性迁移含量—欧洲玩具安全标准EN  
71-3:2013+A3:2018

**RESULT**

结果

**PASS**

合格

\*\*\*\*\*

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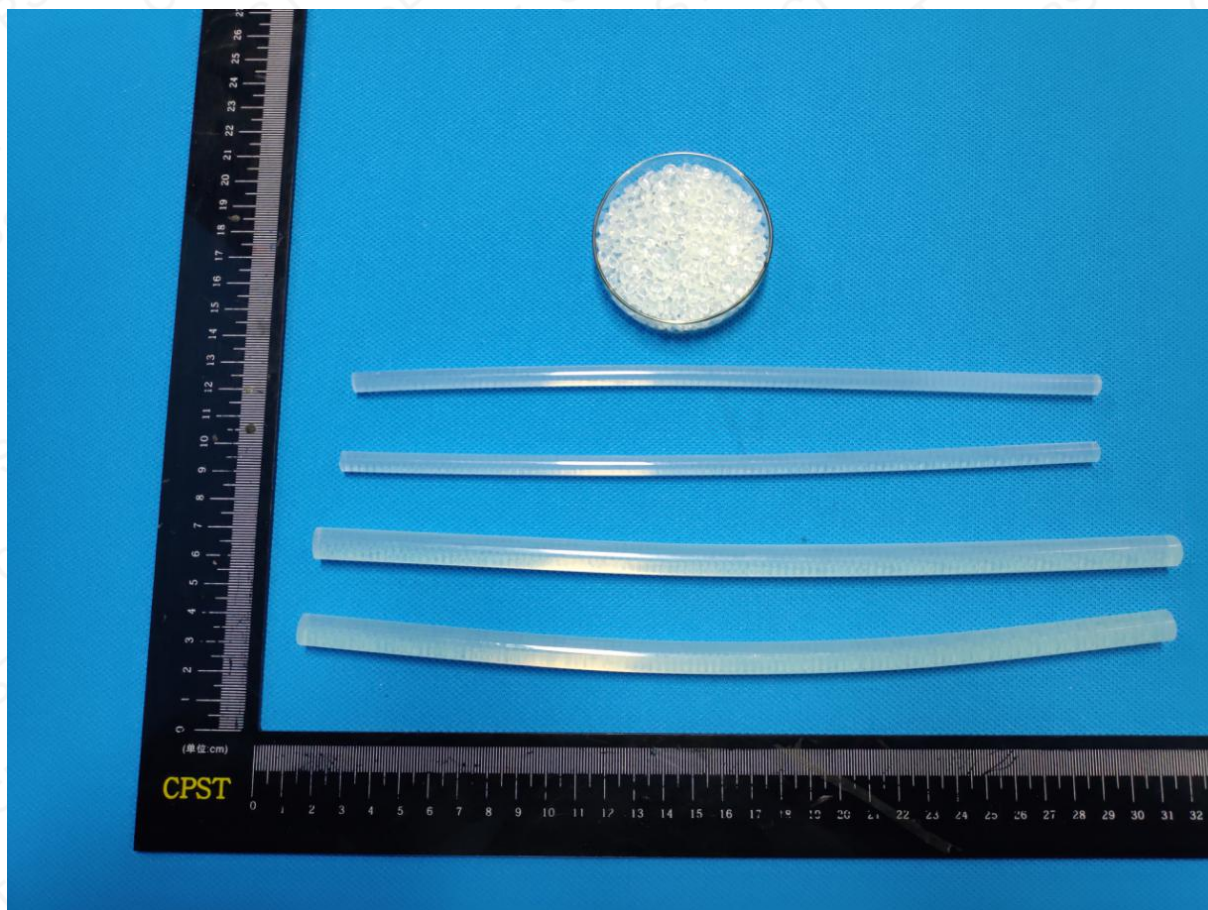
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Photo of the Submitted Sample

送检样品照片



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## Test Report

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#### Test Result(s):

##### 测试结果:

Description of Specimen:

Hot melt glue stick/ Hot melt glue granule

样品描述:

热熔胶棒/热熔胶粒

#### 1. Migration of certain elements —The European Standard for safety of toys EN 71-3:2013+A3:2018

##### 1. 某些元素的可溶性迁移含量—欧洲玩具安全标准 EN 71-3:2013+A3:2018

Test Method: With reference to EN 71-3:2013+A3:2018, analysis was performed by Instruments.

测试方法: 参考EN 71-3:2013+A3:2018, 使用仪器进行分析。

Test Items 测试项目	Unit 单位	Result 结果	MDL
		Category III 材料种类 III	
Soluble Aluminum(Al) 可溶出的铝(Al)	mg/kg	N.D.	5
Soluble Antimony(Sb) 可溶出的锑(Sb)	mg/kg	N.D.	0.02
Soluble Arsenic(As) 可溶出的砷(As)	mg/kg	N.D.	0.02
Soluble Barium(Ba) 可溶出的钡(Ba)	mg/kg	N.D.	5
Soluble Boron(B) 可溶出的硼(B)	mg/kg	N.D.	5
Soluble Cadmium(Cd) 可溶出的镉(Cd)	mg/kg	N.D.	0.05
Soluble trivalent chromium(Cr <sup>3+</sup> )* 可溶出的三价铬(Cr <sup>3+</sup> )*	mg/kg	N.D.	0.05
Soluble hexavalent chrome(Cr <sup>6+</sup> )* 可溶出的六价铬(Cr <sup>6+</sup> )*	mg/kg	N.D.	0.02
Soluble Cobalt (Co) 可溶出的钴(Co)	mg/kg	N.D.	0.02
Soluble Copper (Cu) 可溶出的铜(Cu)	mg/kg	N.D.	5
Soluble Lead (Pb) 可溶出的铅(Pb)	mg/kg	N.D.	0.05

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Test Items 测试项目	Unit 单位	Result 结果	MDL
		Category III 材料种类 III	
Soluble Manganese (Mn) 可溶出的锰(Mn)	mg/kg	N.D.	5
Soluble Mercury (Hg) 可溶出的汞(Hg)	mg/kg	N.D.	0.02
Soluble Nickel (Ni) 可溶出的镍(Ni)	mg/kg	N.D.	0.05
Soluble Selenium (Se) 可溶出的硒(Se)	mg/kg	N.D.	0.2
Soluble strontium (Sr) 可溶出的锶(Sr)	mg/kg	N.D.	5
Soluble Tin (Sn) 可溶出的锡(Sn)	mg/kg	N.D.	5
Soluble Organotin* 可溶出的有机锡*	mg/kg	N.D.	0.1
Soluble Zinc (Zn) 可溶出的锌(Zn)	mg/kg	N.D.	5
Conclusion 结论	PASS 合格		

## Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. "\*" = The test items are not authorized by CNAS

## 注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
5. "\*" = 此测试项目未通过 CNAS

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### Annex

附录

Soluble Element 溶性元素	Limit (mg/kg) 限值(mg/kg)		
	Category I 材料种类 I	Category II 材料种类 II	Category III 材料种类 III
	Dry, brittle, powder-like or pliable toy material 干性、易碎、粉末状或柔软的玩具材料	Liquid or sticky toy material 液体或粘稠性玩具材料	Scraped-off toy material 可刮下来的玩具材料
Soluble Aluminum(Al) 可溶出的铝(Al)	5625	1406	70000
Soluble Antimony(Sb) 可溶出的锑(Sb)	45	11.3	560
Soluble Arsenic(As) 可溶出的砷(As)	3.8	0.9	47
Soluble Barium(Ba) 可溶出的钡(Ba)	1500	375	18750
Soluble Boron(B) 可溶出的硼(B)	1200	300	15000
Soluble Cadmium(Cd) 可溶出的镉(Cd)	1.3	0.3	17
Soluble trivalent chromium(Cr <sup>3+</sup> ) 可溶出的三价铬(Cr <sup>3+</sup> )	37.5	9.4	460
Soluble hexavalent chrome (Cr <sup>6+</sup> ) 可溶出的六价铬(Cr <sup>6+</sup> )	0.02	0.005	0.2
Soluble Cobalt (Co) 可溶出的钴(Co)	10.5	2.6	130
Soluble Copper (Cu) 可溶出的铜(Cu)	622.5	156	7700
Soluble Lead (Pb) 可溶出的铅(Pb)	2.0	0.5	23
Soluble Manganese (Mn) 可溶出的锰(Mn)	1200	300	15000

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Soluble Element 溶性元素	Limit (mg/kg) 限值(mg/kg)		
	Category I 材料种类 I	Category II 材料种类 II	Category III 材料种类 III
	Dry, brittle, powder-like or pliable toy material 干性、易碎、粉末状或柔软的玩具材料	Liquid or sticky toy material 液体或粘稠性玩具材料	Scraped-off toy material 可刮下来的玩具材料
Soluble Mercury (Hg) 可溶出的汞(Hg)	7.5	1.9	94
Soluble Nickel (Ni) 可溶出的镍(Ni)	75	18.8	930
Soluble Selenium (Se) 可溶出的硒(Se)	37.5	9.4	460
Soluble strontium (Sr) 可溶出的锶(Sr)	4500	1125	56000
Soluble Tin (Sn) 可溶出的锡(Sn)	15000	3750	180000
Soluble Organotin 可溶出的有机锡	0.9	0.2	12
Soluble Zinc (Zn) 可溶出的锌(Zn)	3750	938	46000

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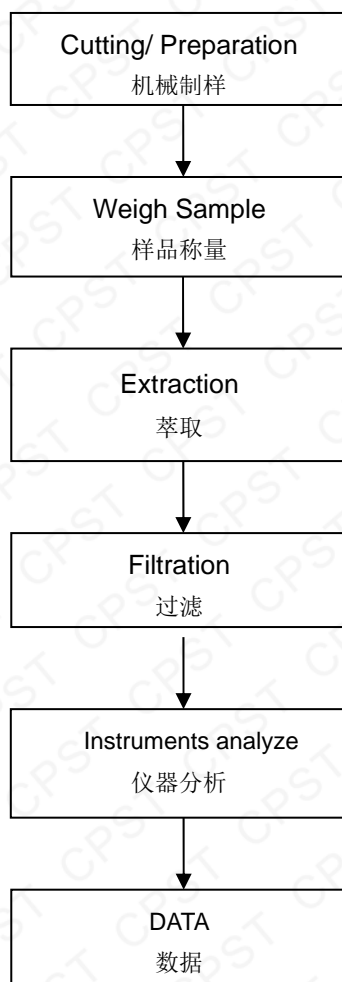
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## Migration of certain elements Testing Flow Chart

### 某些元素的可溶性迁移 测试流程图



注：未经本机构批准，不得复制（全文复制除外）本报告。

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

\*\*\* 报告结束 \*\*\*

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