



**VITS**  
VANJUST TESTING  
INSPECTION SERVICE



中国认可  
国际互认  
检测  
TESTING  
CNAS L9713

## Test Report

No.: W2304962

Date: 2023-05-15

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**Applicant** : Joyin US Corp.  
**Address** : 315 W Elliot Rd #107-168, Tempe, AZ 85284

### Sample Description:

Name of Product / Item : Joyin Glow Sticks, Role-Play Kitchen Toy, Foam Craft Kit, Bingo Cards, Spoon Race Game  
Item No. : 13398, 13318, 13064, 13073, 13309, 11391, 10939, 13274  
Above sample information was submitted and/or identified by client  
Quantity of Sample : 1 set  
Other Information : WJ20230429063  
Labeled Age Grading : 3+  
Requested Age Grading : 3+  
Age Group Assessed As Per Age Guideline : Over 3 years  
Age Group Applied in Testing : Over 3 years  
Sample Receiving Date : 2023-05-04  
Testing Period : 2023-05-04 TO 2023-05-15

### TEST REQUESTED

### CONCLUSION

European Standard on Safety of toys:

- EN 71-1:2014+A1:2018 Mechanical and Physical properties
- EN 71-2:2020 Flammability of Toys
- Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU)2018/725, (EU)2019/1922
- EN 71-3:2019+A1:2021 Migration of certain elements

**PASS**

**PASS**

**PASS**

British Standard on Safety of toys:

- BS EN 71-1:2014+A1:2018 Mechanical and Physical properties
- BS EN 71-2:2020 Flammability of Toys
- BS EN 71-3:2019+A1:2021 Migration of certain elements

**PASS**

**PASS**

**PASS**

\*\*\*\* AS REQUESTED BY THE APPLICANT, PLEASE REFER TO THE FOLLOWING PAGE(S) FOR DETAILS\*\*\*\*

Signed for and on behalf of  
Guangdong Vanjust Testing Technology  
Co., Ltd

Nancy



Nancy Wang

Tov Laboratory Manager



scan to see the report

**Guangdong Vanjust Testing Technology Co., Ltd**  
Room 201, Building A, Guanghua Industrial Zone, Longtian  
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Guangdong, China (515800)  
Tel: (86-754) 87211449 Email: lab@vanjust.com

This document cannot be reproduced except in full, without prior approval of our laboratory. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



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### European Standard on Safety of Toys

#### **▼ EN 71-1:2014+A1:2018 Mechanical and Physical Properties**

As specified in European Standard on Safety of Toys - EN71 Part 1:2014+A1:2018

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
7	Warnings, markings and instructions for use  (Note: It is drawn to your attention that the warnings, precautions and instructions for use should be given in the national language(s) of the country where the product is sold.)	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass  See Remark

Remark: The toy contains small part. It is acceptable because appropriate warning is found on packaging.

#### **Note:**

- Only applicable clauses were shown.



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### ▼ EN 71-2:2020 Flammability of Toys

As specified in European Standard on Safety of Toys - EN 71 Part 2:2020

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.1	General requirements	
	- Celluloid, materials with the same behavior in fire as celluloid	Pass
	- Highly flammable solids	Pass

#### **Note:**

- The gas used in flammability test is butane.
- Only applicable clauses were shown.



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### ▼ Labeling requirement

Washing/Cleaning instruction, CE mark, importer/manufacture name and address, product identification

As specified in the Directive 2009/48/EC-Safety of toys

Summary table:

Requirement	Observation Result	Location
Washing/Clean instruction	Not Applicable	--
CE mark	Present	Packaging
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	Packaging
Product ID	Present	Packaging

### Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy must be cleaned.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

### Note:

- Only applicable clauses were shown.



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**Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738,**

**Commission Directive (EU)2018/725, (EU)2019/1922**

**▼ EN 71-3:2019+A1:2021 Migration of certain elements**

Method: EN 71-3:2019+A1:2021

Analysis was performed by ICP-OES, ICP-MS, IC-UV/VIS and GC-MS.

**Category III:** scraped-off toy material

Tested Item(s)	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
	1	2		
Aluminium (Al)	N.D.	N.D.	50	28130
Antimony (Sb)	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	3	17
Chromium (Cr)	N.D.	N.D.	0.05	--
Chromium (III) <sup>#1</sup>	N.D.	N.D.	--	460
Chromium (VI)	N.D.	N.D.	0.005	0.053
Cobalt (Co)	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	5	23
Manganese (Mn)	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	50	56000
Tin (Sn)	N.D.	N.D.	2.5	180000
Organic tin (TBT) <sup>#2</sup>	N.D.	N.D.	0.2	12
Zinc (Zn)	N.D.	N.D.	50	46000

### Specimen Description:

1 Green plastic



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2 Red plastic

### Note:

- N.D. = Not Detected (< Reporting limit)
- mg/kg = ppm = parts per million
- #1 The reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium (VI).
- #2 The migration of organic tin is expressed as tributyltin (TBT).

Organic tins tested under EN 71-3:2019+A1:2021
Methyl tin (MeT)
Butyl tin (BuT)
Dibutyl tin (DBT)
Tributyl tin (TBT)
Tetrabutyl tin (TeBT)
n-Octyl tin (MOT)
Di-n-octyl tin (DOT)
Di-n-propyl tin (DProT)
Diphenyl tin (DPhT)
Triphenyl tin (TPhT)
Dimethyl tin (DMT)

- As per client's request, test conducted on specified materials.



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### British Standard on Safety of Toys

#### ▼ **BS EN 71-1:2014+A1:2018 Mechanical and Physical Properties**

As specified in European Standard on Safety of Toys –BS EN71 Part 1:2014+A1:2018

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
7	Warnings, markings and instructions for use  (Note: It is drawn to your attention that the warnings, precautions and instructions for use should be given in the national language(s) of the country where the product is sold.)	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass  See Remark

Remark: The toy contains small part. It is acceptable because appropriate warning is found on packaging.

#### **Note:**

- Only applicable clauses were shown.



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### ▼ **BS EN 71-2:2020 Flammability of Toys**

As specified in European Standard on Safety of Toys – BS EN 71 Part 2:2020

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.1	General requirements	
	- Celluloid, materials with the same behavior in fire as celluloid	Pass
	- Highly flammable solids	Pass

#### **Note:**

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### ▼ Labeling requirement

Washing/Cleaning instruction, Name and postal address of Importer based in UK, manufacturer name and address, product identification

Summary table:

Requirement	Observation Result	Location
Washing/Clean instruction	Not Applicable	--
UKCA Mark	Present	Packaging
Name and postal address of Importer based in UK	Absent	--
Manufacturer 's Name & Address	Present	Packaging
Product ID	Present	Packaging

### Note:

1. According to Toys (Safety) Regulations 2011, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. The UKCA marking should be at least 5mm in height, unless a different minimum dimension is specified in the relevant legislation. The UKCA marking should be visibly, legibly and indelibly (From 1 January 2023, the UKCA marking must, in most cases, be affixed directly to the product.).
3. Importer must make sure that its name and address is marked on the toy or on a document accompanying the toy or packaging, as well as the manufacturer's details after 1 January 2021. Until 31 December 2022, UK importer can provide these details on the accompanying documentation rather than on the good itself.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, the required information is provided on the packaging or in a document accompanying the toy.

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### ▼ BS EN 71-3:2019+A1:2021 Migration of certain elements

Method: BS EN 71-3: 2019+A1:2021

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### Specimen Description:

- 1 Green plastic
- 2 Red plastic



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### Note:

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Dimethyl tin (DMT)

- As per client's request, test conducted on specified materials.



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### Remark:

1. Since the data and/or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and/or information, VITS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and/or conclusions arising therefrom. Testing results only apply to the sample as received.
2. If relevant standards do not specify decision rule(s), follow decision rule as below:
  - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
  - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.





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### Sample Photo



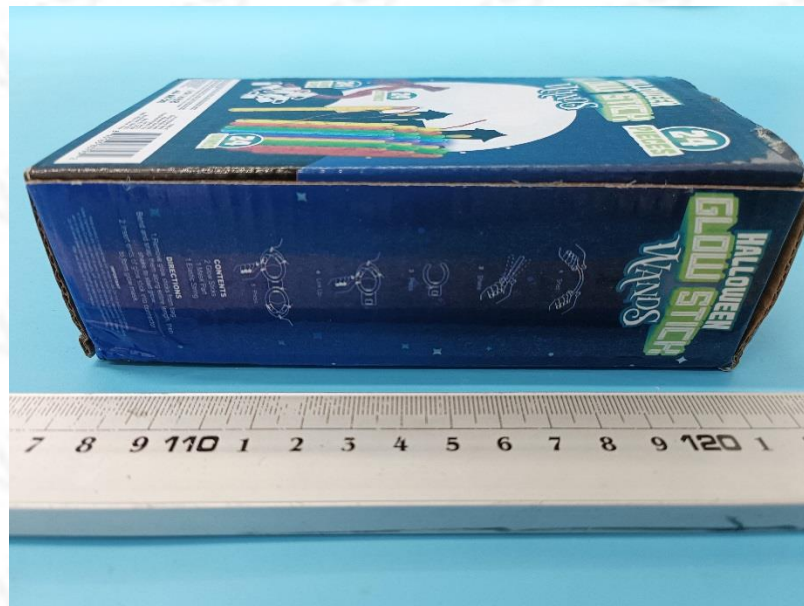


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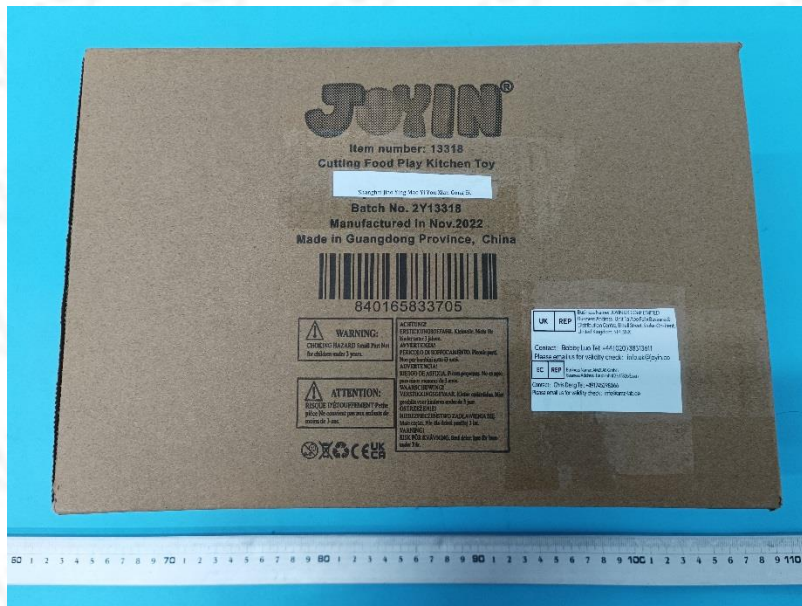
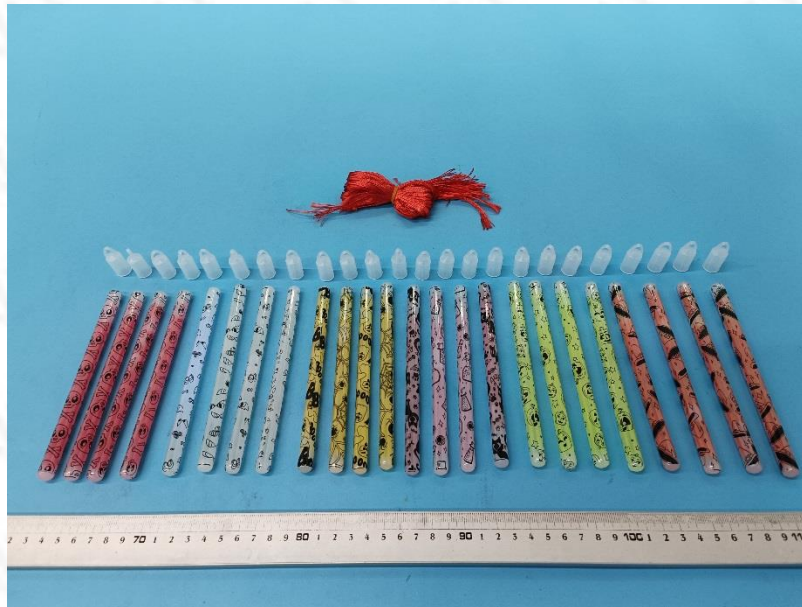


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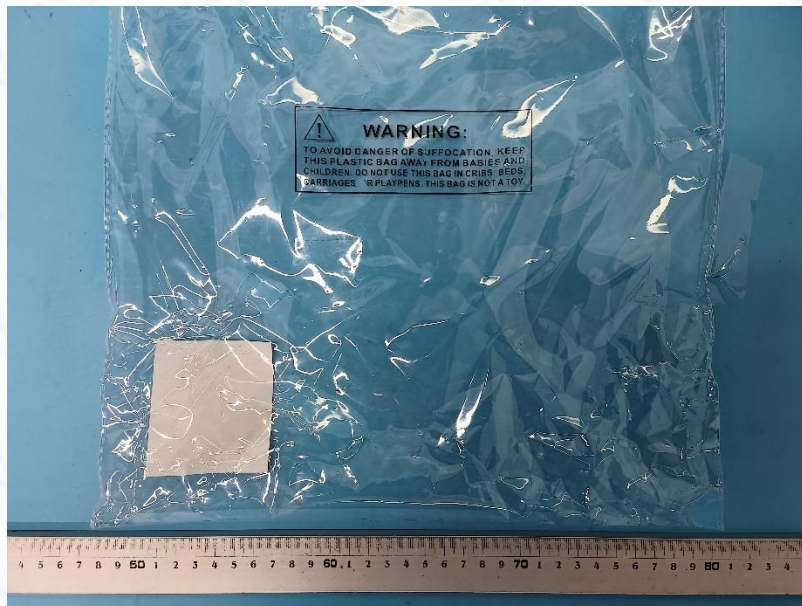
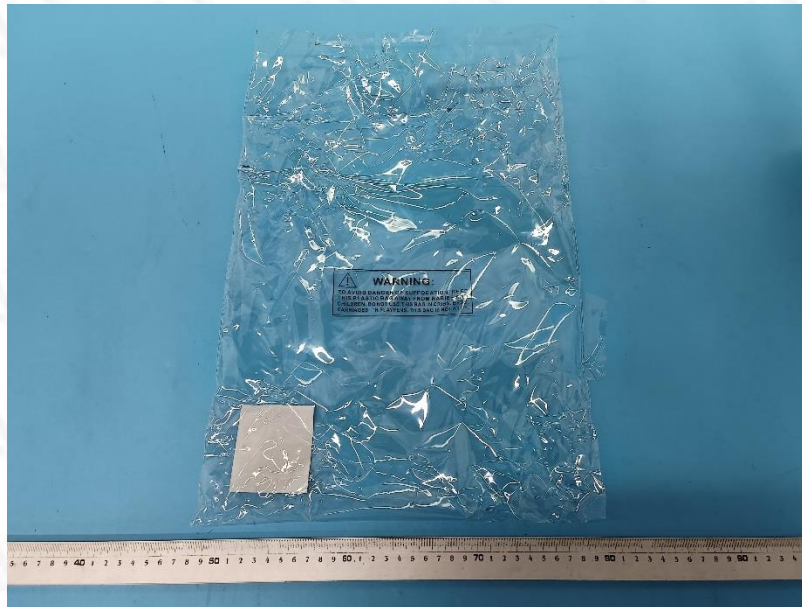


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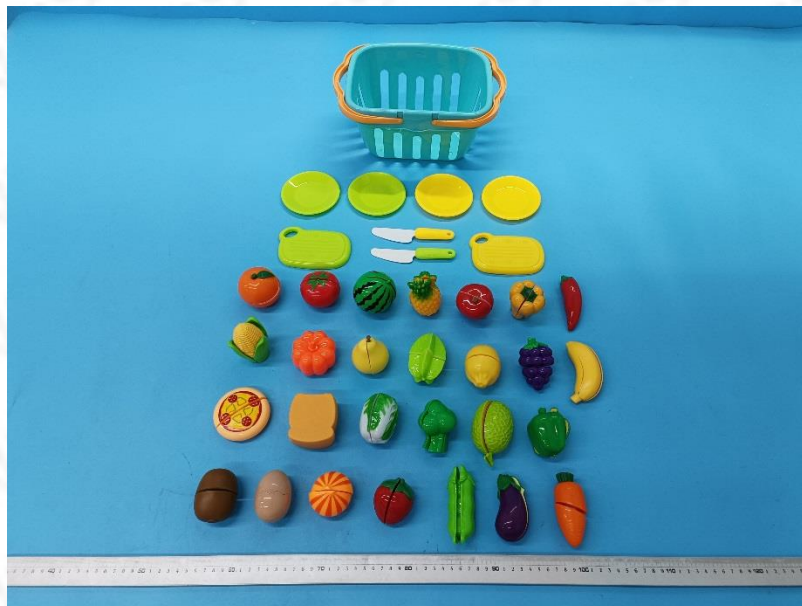
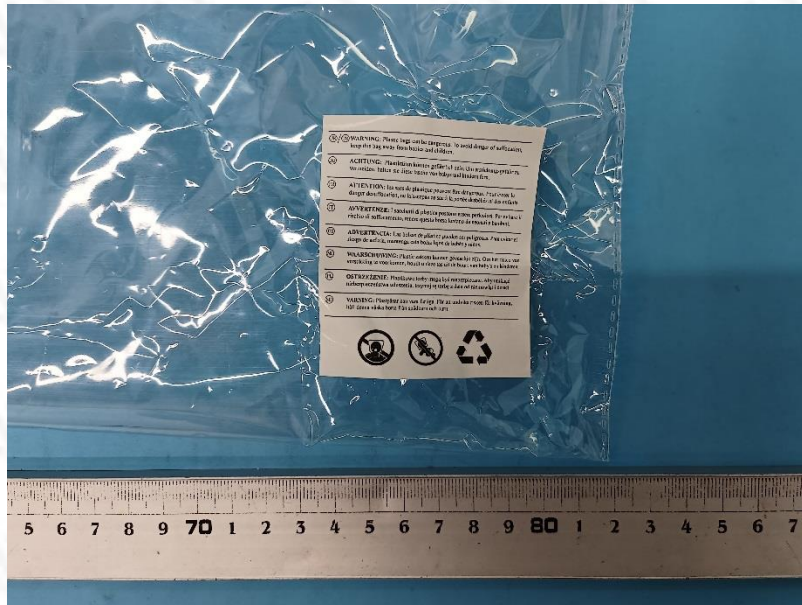


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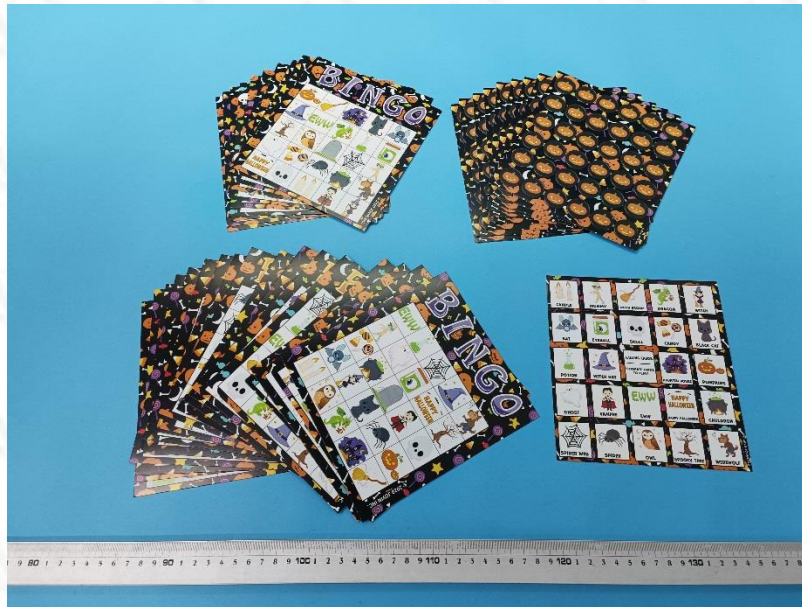


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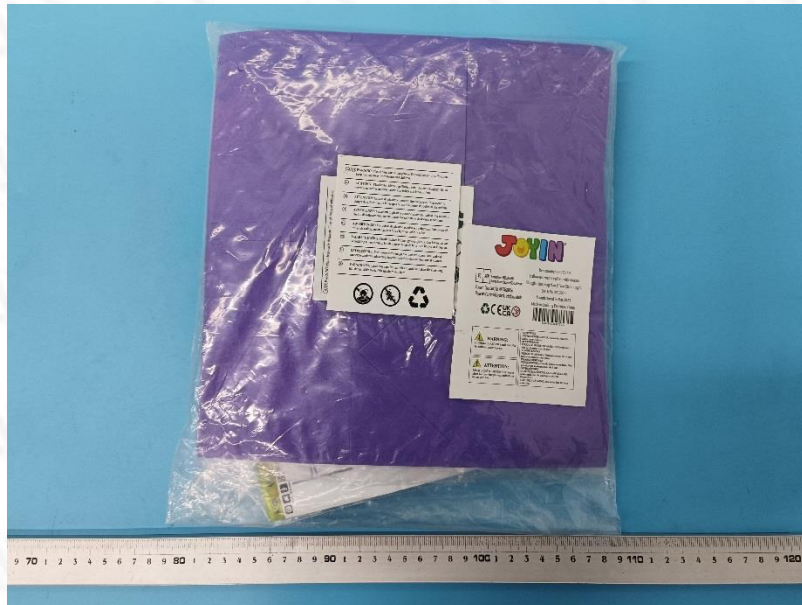


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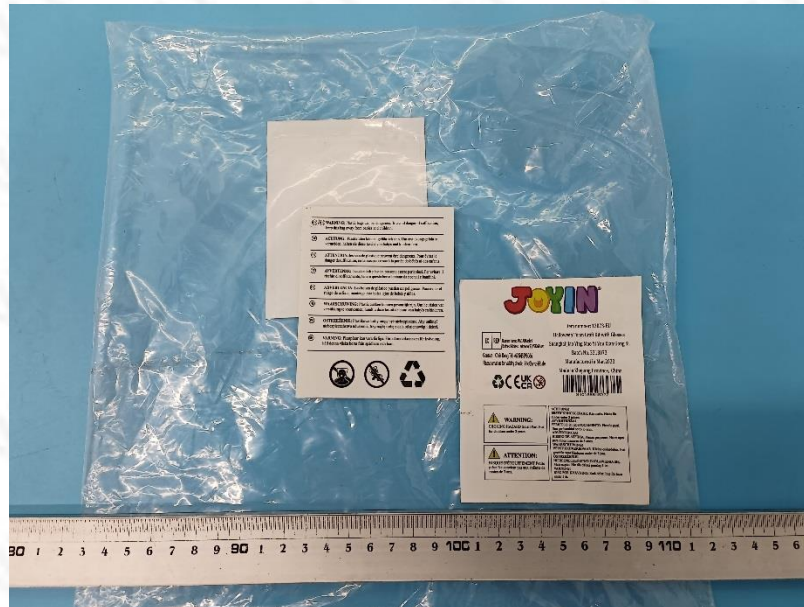


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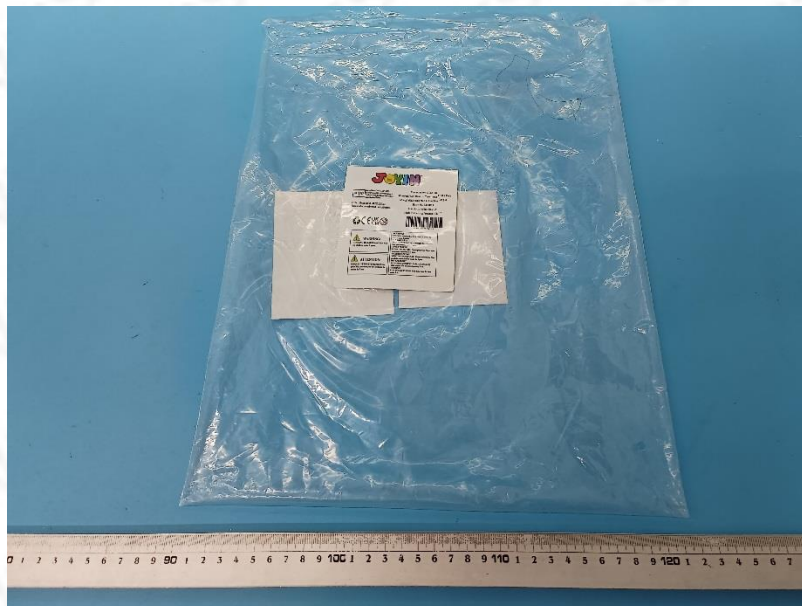
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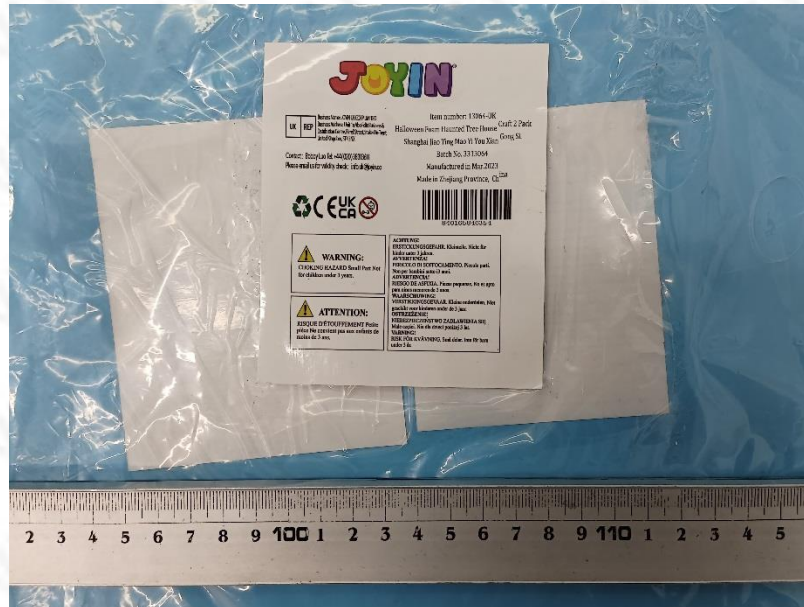


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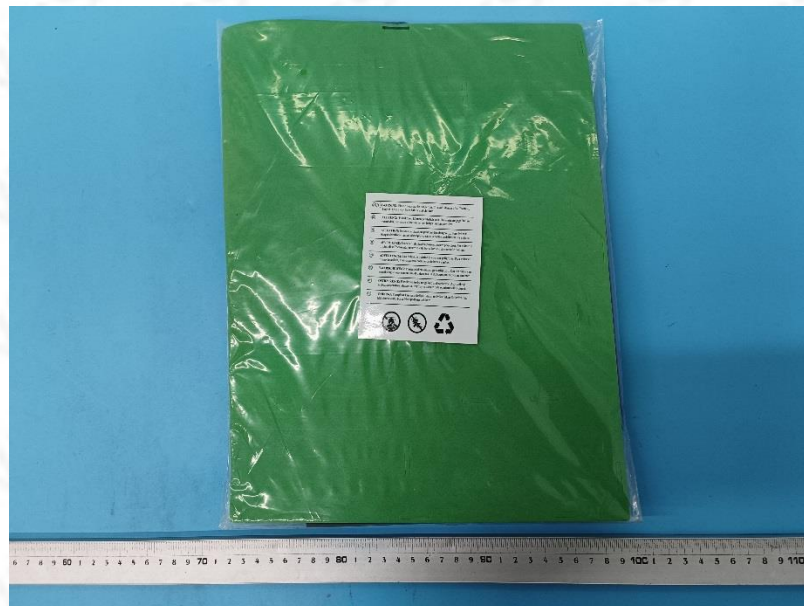
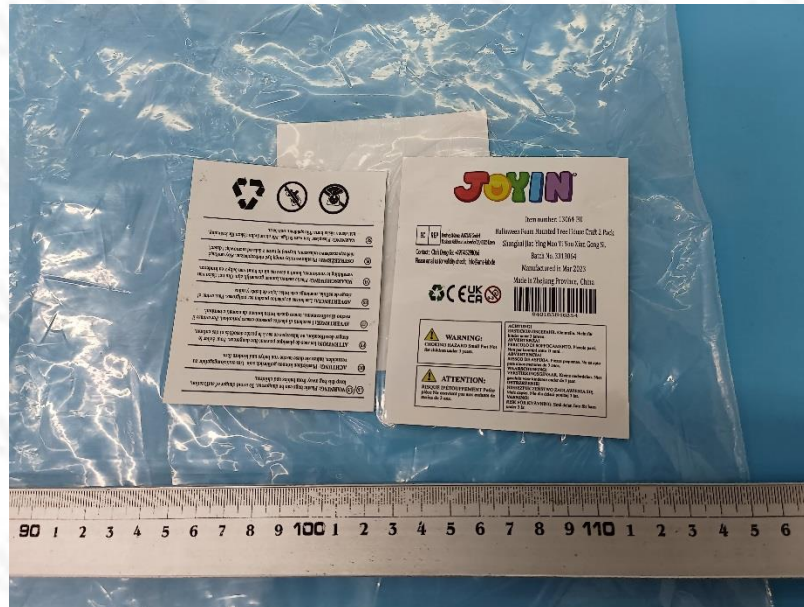


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Vanjust Testing authenticate the photo on original report only

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