

Test Report

Testing institute : Product Technology Service (Ningbo) Co., Ltd.
5,6,7F, 59#, Huayu Road, Yinzhou District, Ningbo, Zhejiang

Applicant : JOYIN US CORP
315 W Elliot Rd #107-168 Tempe, AZ 85284

Product name : Joyin Funny Toys

Model/type : 16307/16140/16141/16142

Sample Description : /

Material : /

Sample receive date : May 27,2024
Completes date : May 29,2024

Test specification(s)

- 1.EN 71-1:2014+A1:2018 Safety of toys-Part 1:Mechanical and physical properties
- 2.EN 71-2:2020 Safety of toys-Part 2:Flammability
- 3.EN 71-3:2019+A1:2021 Safety of toys-Part 3:Migration of certain elements

Conclusion

Pass
Pass
Pass

Signed for and on behalf of
Product Technology Service (Ningbo) Co., Ltd.



Authorizer: Dajun Wang

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Product name

No.	Name	Part No.	Part Name
1	Joyin Funny Toys	1-1	Joyin Funny Toys (16307)
		1-2	Transparent plastic shell (16307)
		1-3	Pink plastic shell (16307)
		1-4	Pink Piglet with coating(overall sampling) (16307)
		1-5	Purple plastic hook (16140)
		1-6	Metal ring (16140)
		1-7	Yellow/red soft plastic (overall sampling) (16140)
		1-8	Pink plastic hook (16141)
		1-9	Pink/white soft plastic (overall sampling) (16141)
		1-10	Yellow plastic hook (16142)
		1-11	Blue/purple soft plastic (overall sampling) (16142)

Remark: According to client's requirement, samples were overall sampling.

1. EN71 - 1: Mechanical and Physical Properties

Test specification	:	EN 71-1:2014+A1:2018 Safety of toys-Part 1:Mechanical and physical properties
Test item(s)	:	See below
Requirement	:	See below
Labeled age grading	:	3+
Applicant's specified age group for testing	:	3+ years
Age grading for test	:	Over 3 years

Test Results

Clause	Assessment
4. General requirements	
4.1 Material cleanliness	<u>Pass</u>
4.7 Edges	<u>Pass</u>
4.8 Points and metallic wires	<u>Pass</u>
7. Warnings, markings and instructions for use	
Tracking information [CE mark, importer / manufacturer mark (name, address), product identification]	<u>Present</u>
7.1 General	<u>Pass</u>
7.2 Toys not intended for children under 36 months	<u>Pass</u>

N.B.: Only applicable clauses were shown.

2. EN71 - 2: Flammability

Test specification : EN 71-2:2020 Safety of toys-Part 2:Flammability
Test item : See below
Requirement : See below

Test Results

Clause

Assessment

4.1 General

Pass

- The following materials shall not be used in the manufacture of toys
Cellulose nitrate and materials with the same behaviour in fire
Materials with a piled surface which produce surface flash on the approach of a flame
- Toys shall not contain flammable gases, extremely flammable liquids, highly flammable liquids,flammable liquids and flammable gels

N.B.: Only applicable clauses were shown.

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
Flammability tester-EN71	Tonny	TNC14

3. EN 71-3:2019+A1:2021 Safety of toys-Part 3:Migration of certain elements

Test method : EN 71-3:2019+A1:2021 Safety of toys-Part 3:Migration of certain elements

Test item : Migration of 19 Elements – with reference to 2009/48/EC and its amendment 2012/7/EU, (EU)2017/738, (EU)2018/725, (EU) 2019/1922

Requirement : See below

Product No.				1-2	1-3	1-4
Parameter	Unit	DL	Regulatory Requirement ^{#3}	Result	Result	Result
Aluminium (Al)	mg/kg	50.0	28130	ND	ND	ND
Barium (Ba)	mg/kg	50.0	18750	ND	ND	ND
Boron (B)	mg/kg	50.0	15000	ND	ND	ND
Manganese (Mn)	mg/kg	50.0	15000	ND	ND	ND
Strontium (Sr)	mg/kg	50.0	56000	ND	ND	ND
Tin (Sn)	mg/kg	5.0	180000	ND	ND	ND
Zinc (Zn)	mg/kg	50.0	46000	ND	ND	ND
Copper (Cu)	mg/kg	50.0	7700	ND	ND	ND
Antimony (Sb)	mg/kg	1.0	560	ND	ND	ND
Arsenic (As)	mg/kg	0.50	47	ND	ND	ND
Cadmium (Cd)	mg/kg	0.30	17	ND	ND	ND
Cobalt (Co)	mg/kg	1.0	130	ND	ND	ND
Lead (Pb)	mg/kg	0.50	23	ND	ND	ND
Mercury (Hg)	mg/kg	0.50	94	ND	ND	ND
Nickel (Ni)	mg/kg	10.0	930	ND	ND	ND
Selenium (Se)	mg/kg	5.0	460	ND	ND	ND
Chromium III (CrIII)*	mg/kg	5.0	460	ND	ND	ND
Chromium VI (CrVI)	mg/kg	0.053	0.053	ND	ND	ND
Organic tin	mg/kg	5.0	12	ND	ND	ND
Conclusion				Pass	Pass	Pass

Product No.				1-5	1-6	1-7	1-8
Parameter	Unit	DL	Regulatory Requirement ^{#3}	Result	Result	Result	Result
Aluminium (Al)	mg/kg	50.0	28130	ND	ND	ND	ND
Barium (Ba)	mg/kg	50.0	18750	ND	ND	ND	ND
Boron (B)	mg/kg	50.0	15000	ND	ND	ND	ND
Manganese (Mn)	mg/kg	50.0	15000	ND	ND	ND	ND
Strontium (Sr)	mg/kg	50.0	56000	ND	ND	ND	ND
Tin (Sn)	mg/kg	5.0	180000	ND	ND	ND	ND
Zinc (Zn)	mg/kg	50.0	46000	ND	ND	ND	ND
Copper (Cu)	mg/kg	50.0	7700	ND	ND	ND	ND
Antimony (Sb)	mg/kg	1.0	560	ND	ND	ND	ND
Arsenic (As)	mg/kg	0.50	47	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	0.30	17	ND	ND	ND	ND
Cobalt (Co)	mg/kg	1.0	130	ND	ND	ND	ND
Lead (Pb)	mg/kg	0.50	23	ND	ND	ND	ND
Mercury (Hg)	mg/kg	0.50	94	ND	ND	ND	ND
Nickel (Ni)	mg/kg	10.0	930	ND	22.2	ND	ND
Selenium (Se)	mg/kg	5.0	460	ND	ND	ND	ND
Chromium III (CrIII)*	mg/kg	5.0	460	ND	ND	ND	ND
Chromium VI (CrVI)	mg/kg	0.053	0.053	ND	ND	ND	ND
Organic tin	mg/kg	5.0	12	ND	ND	ND	ND
Conclusion				Pass	Pass	Pass	Pass

Product No.				1-9	1-10	1-11
Parameter	Unit	DL	Regulatory Requirement ^{#3}	Result	Result	Result
Aluminium (Al)	mg/kg	50.0	28130	ND	ND	ND
Barium (Ba)	mg/kg	50.0	18750	ND	ND	ND
Boron (B)	mg/kg	50.0	15000	ND	ND	ND
Manganese (Mn)	mg/kg	50.0	15000	ND	ND	ND
Strontium (Sr)	mg/kg	50.0	56000	ND	ND	ND
Tin (Sn)	mg/kg	5.0	180000	ND	ND	ND
Zinc (Zn)	mg/kg	50.0	46000	ND	ND	ND
Copper (Cu)	mg/kg	50.0	7700	ND	ND	ND
Antimony (Sb)	mg/kg	1.0	560	ND	ND	ND
Arsenic (As)	mg/kg	0.50	47	ND	ND	ND
Cadmium (Cd)	mg/kg	0.30	17	ND	ND	ND
Cobalt (Co)	mg/kg	1.0	130	ND	ND	ND
Lead (Pb)	mg/kg	0.50	23	ND	ND	ND
Mercury (Hg)	mg/kg	0.50	94	ND	ND	ND
Nickel (Ni)	mg/kg	10.0	930	ND	ND	ND
Selenium (Se)	mg/kg	5.0	460	ND	ND	ND
Chromium III (CrIII)*	mg/kg	5.0	460	ND	ND	ND
Chromium VI (CrVI)	mg/kg	0.053	0.053	ND	ND	ND
Organic tin	mg/kg	5.0	12	ND	ND	ND
Conclusion				Pass	Pass	Pass

Remark:

ND= Not Detected (<DL), DL = Detection Limit.

mg/kg denotes milligram per kilogram

*: Chromium III (CrIII)content equal to the content of total chromium minus hexavalent chromium content

#3: Regulatory Requirement for scraped-off materials

Main test instruments:

Instrument	Manufactory	Model / Type
ICP-MS	Agilent	7700
LC- ICP-MS	Agilent	1260-7700
GC-MS	Agilent	GC (7890)-MS (5975)

Sample photo(s), see annex 1

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ANNEX 1

Sample photo(s), Consists of 3 page(s)







Joyin Funny Toys