

ZHUJI JIAYUN CRAFTS CO.,LTD

1ST FLOOR,23 BUILDING SHENYE NEW VILLAGE DAOTONG,ZHUJI CITY ZHEJIANG CHINA

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : INFLATABLE BEACH PILLOW
 Quantity Submitted : 5PCS
 Item No. : 20111801
 Buyer : FABRIKA
 Supplier : ZHUJI JIAYUN CRAFTS CO.,LTD
 Country of Origin : CHINA
 Country of Destination : FRANCE
 SGS No. : CZXHL21000001902
 Labeled Age Grading : NOT STATED
 Requested Age Grading : 16+

Age Group Assessed As Per : /
 Age Guideline
 Age Group Applied in Testing : 16+ YEARS
 Sample Receiving Date : Jan 04, 2021
 Testing Period : Jan 04, 2021 to Jan 12, 2021
 Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
	This is not a toy, the test(s) was applied as per client request. There may be additional hazards and labeling requirements that are not covered by this standard:	
1	Safety Of Toys. Part 1: Safety Aspects Related To Mechanical And Physical Properties (EN 71-1:2014+A1:2018) (Excluding Clause 7)	Pass
2	Safety Of Toys. Part 2: Flammability (EN 71-2:2011+A1:2014)	Pass
3	Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC) - Phthalate	Pass
4	Commission Regulation (EU) 2018/2005 amending Entry 51 of Annex XVII to Regulation (EC) No 1907/2006 - Phthalates	Pass
5	Entry 20 of Regulation (EC) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organostannic compounds	Pass
6	Polycyclic Aromatic Hydrocarbons (PAHs)	Pass



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	Test Requirement	Conclusion
7	Commission Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006-Total Lead	Pass
8	European Regulation POPs (EU) 2019/1021 - Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCP)	Pass

*** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ***



Berix Li
Authorized Signatory



Land Jiang
Authorized Signatory



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1. Safety Of Toys. Part 1: Safety Aspects Related To Mechanical And Physical Properties (EN 71-1:2014+A1:2018) (Excluding Clause 7)

Clause	Test Description	Result
4 General Requirements		
4.1	Material Cleanliness	Pass
4.3	Flexible Plastic Sheeting	Pass
4.7	Edges	Pass
4.8	Points And Metallic Wires	Pass
4.18	Aquatic Toys And Inflatable Toys	Pass
6 Packaging		
6	Packaging	Pass
7	Warnings, Markings And Instructions For Use	NC

2. Safety Of Toys. Part 2: Flammability (EN 71-2:2011+A1:2014)

Clause	Test Description	Result
4.1	General requirements (Flammability)	Pass

3. Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC) - Phthalate

Test Method: With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Result Data:

Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4+A5
Diisononyl Phthalate (DINP)	-	%	0.010	ND	ND
Di-n-Octyl Phthalate(DNOP)	-	%	0.003	ND	ND
Diisodecyl Phthalate (DIDP)	-	%	0.010	ND	ND
Sum of (DINP,DNOP,DIDP)	0.1	%	-	ND	ND
Conclusion				Pass	Pass

4. Commission Regulation (EU) 2018/2005 amending Entry 51 of Annex XVII to Regulation (EC) No 1907/2006 - Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Result Data:

Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4+A5
Dibutyl Phthalate(DBP)	0.1	%	0.003	ND	ND



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Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4+A5
Benzyl Butyl Phthalate(BBP)	0.1	%	0.003	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	0.1	%	0.003	ND	ND
Diisobutyl Phthalate(DIBP)	0.1	%	0.003	ND	ND
Sum of (DBP,BBP,DEHP,DIBP)	0.1	%	-	ND	ND
Conclusion				Pass	Pass

5. Entry 20 of Regulation (EC) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006
- Organostannic compounds

Test Method: With reference to ISO 17353: 2004 with carbamate, analysis was performed by GC-MS.

Result Data:

Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4+A5
∑ of Tri Substituted Organotin Compounds by Weight of Tin *	0.1	%	0.01	ND	ND
Dibutyltin(DBT) by Weight of Tin	0.1	%	0.01	ND	ND
Dioctyltin(DOT) by Weight of Tin	0.1	%	0.01	ND	ND
Conclusion				Pass	Pass

Notes:

- (1) * Tri substituted organotin compounds include Tributyltin (TBT), Triphenyltin (TPhT), Tripropyltin (TPT), Tricyclohexyltin (TCyT), Trioctyltin (TOT) and Trimethyltin (TMT).

6. Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Result Data:

Test Item(s)	Limit	Units	MDL	A5
Benzo(a)pyrene (BaP)	0.5	mg/kg	0.1	ND
Benzo(e)pyrene (BeP)	0.5	mg/kg	0.1	ND
Benzo(a)anthracene (BaA)	0.5	mg/kg	0.1	ND
Benzo(b)fluoranthene (BbF)	0.5	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	0.5	mg/kg	0.1	ND
Benzo(k)fluoranthene (BkF)	0.5	mg/kg	0.1	ND
Chrysene (CHR)	0.5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene (DBA)	0.5	mg/kg	0.1	ND
Benzo(g,h,i)perylene (BPE)	0.5	mg/kg	0.1	ND



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Test Item(s)	Limit	Units	MDL	A5
Indeno(1,2,3-c,d)pyrene (IPY)	0.5	mg/kg	0.1	ND
Phenanthrene (PHE)	0.5	mg/kg	0.1	ND
Pyrene (PYR)	0.5	mg/kg	0.1	ND
Anthracene (ANT)	0.5	mg/kg	0.1	ND
Fluoranthene (FLT)	0.5	mg/kg	0.1	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	10	mg/kg	-	ND
Naphthalene (NAP)	2	mg/kg	0.1	1.2
Sum of 15 PAHs	10	mg/kg	-	1.2
Material Category	-	-	-	2
Conclusion	Pass			

Notes:

As per client information, the tested sample is not children product which is under the directive of ProdSG.

AFPS (German commission for Product Safety) : PAHs requirements

Parameter Unit: mg/kg	Category 1	Category 2		Category 3	
	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use -in toys according to Directive 2009/48/EC or	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact ^c with skin during the intended or foreseeable use ^d .	a. use by children	b. other consumer products	a. use by children



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	-for the use by children ^{a,b} up to 3 years of age.				
Benzo(a)pyrene (BaP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene (BbF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT)	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene (NAP)	< 1	< 2	< 10	< 10	< 50
Sum of 15 PAHs	< 1	< 5	< 10	< 20	< 50

Note:

- ^a A "Child" is legally defined as a person before reaching the age of 14 years.
- ^b Use by children includes both active and passive contact by children.
- ^c Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment



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(Regulation (EC) No. 1272/2013)

^d According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) “foreseeable use” shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

Remark: The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on May 15, 2019, which will be binding for the issue of GS mark certificate from 1 July 2020. The previously valid document (AfPS GS 2014:01 PAK) can be used during the transitional period to determine the procedure for existing certificates and new certificates; also, there are exceptions.

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Result Data:

Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4
Benzo(a)pyrene (BaP)	1	mg/kg	0.1	ND	ND
Benzo(e)pyrene (BeP)	1	mg/kg	0.1	ND	ND
Benzo(a)anthracene (BaA)	1	mg/kg	0.1	ND	ND
Benzo(b)fluoranthene (BbF)	1	mg/kg	0.1	ND	ND
Benzo(j)fluoranthene (BjF)	1	mg/kg	0.1	ND	ND
Benzo(k)fluoranthene (BkF)	1	mg/kg	0.1	ND	ND
Chrysene (CHR)	1	mg/kg	0.1	ND	ND
Dibenzo(a,h)anthracene (DBA)	1	mg/kg	0.1	ND	ND
Benzo(g,h,i)perylene (BPE)	1	mg/kg	0.1	ND	ND
Indeno(1,2,3-c,d)pyrene (IPY)	1	mg/kg	0.1	ND	ND
Phenanthrene (PHE)	1	mg/kg	0.1	ND	ND
Pyrene (PYR)	1	mg/kg	0.1	ND	ND
Anthracene (ANT)	1	mg/kg	0.1	ND	ND
Fluoranthene (FLT)	1	mg/kg	0.1	ND	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	50	mg/kg	-	ND	ND
Naphthalene (NAP)	10	mg/kg	0.1	ND	0.7
Sum of 15 PAHs	50	mg/kg	-	ND	0.7
Material Category	-	-	-	3	3



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Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4
Conclusion				Pass	Pass

Notes:

As per client information, the tested sample is not children product which is under the directive of ProdSG.

AfPS (German commission for Product Safety) : PAHs requirements

Parameter Unit: mg/kg	Category 1	Category 2		Category 3	
	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use -in toys according to Directive 2009/48/EC or -for the use by children ^{a,b} up to 3 years of age.	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact ^c with skin during the intended or foreseeable use ^d .	a. use by children	b. other consumer products	a. use by children
Benzo(a)pyrene (BaP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1



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Benzo(b)fluoranthene (BbF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT)	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene (NAP)	< 1	< 2		< 10	
Sum of 15 PAHs	<1	< 5	< 10	< 20	< 50

Note:

- ^a A "Child" is legally defined as a person before reaching the age of 14 years.
- ^b Use by children includes both active and passive contact by children.
- ^c Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment (Regulation (EC) No. 1272/2013)
- ^d According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) "foreseeable use" shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

Remark: The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on May 15, 2019, which will be binding for the issue of GS mark certificate from 1 July 2020. The previously valid document (AfPS GS 2014:01 PAK) can be used during the transitional period to determine the procedure for existing certificates and new certificates; also, there are exceptions.



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7. Commission Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006-
Total Lead

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

Result Data:

Test Item(s)	Limit	Units	MDL	A1+A2
Total Lead (Pb)	500	mg/kg	20	ND
Conclusion				Pass

Notes:

When the result is equal to or greater than 500 mg/kg, the limit shall not apply where it can be demonstrated that the rate of Lead release from such an article or any such accessible part of an article, whether coated or uncoated, does not exceed 0.05 µg/cm²/h (equivalent to 0.05 µg/g/h) (The further migration test shall not apply to jewellery articles covered by paragraph 1 specified in (EU) 836/2012). However, the legal text does not define a specific method for the demonstration of release rate while the Commission may develop a method for Lead migration.

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by ICP-OES.

Result Data:

Test Item(s)	Limit	Units	MDL	A3+A4+A5
Total Lead (Pb)	500	mg/kg	20	ND
Conclusion				Pass

Notes:

When the result is equal to or greater than 500 mg/kg, the limit shall not apply where it can be demonstrated that the rate of Lead release from such an article or any such accessible part of an article, whether coated or uncoated, does not exceed 0.05 µg/cm²/h (equivalent to 0.05 µg/g/h) (The further migration test shall not apply to jewellery articles covered by paragraph 1 specified in (EU) 836/2012). However, the legal text does not define a specific method for the demonstration of release rate while the Commission may develop a method for Lead migration.

8. European Regulation POPs (EU) 2019/1021 - Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCP)

Test Method: With reference to ISO 18219: 2015, analysis was performed by GC-NCI-MS/GC-ECD.

Result Data:



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Test Item(s)	Limit	Units	MDL	A1+A2	A3+A4+A5
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCP)	1500	mg/kg	50	ND	ND
Conclusion				Pass	Pass

Remark:

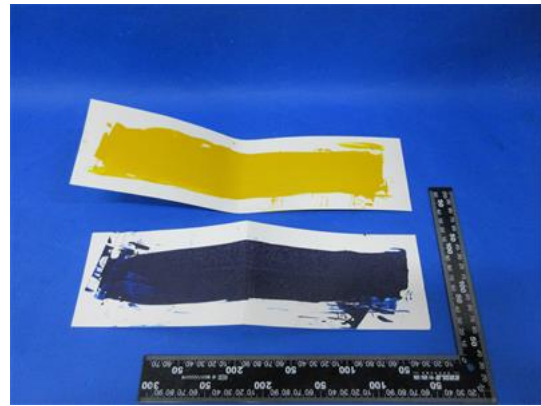
Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.

Photo Appendix

Photo relative to received sample(s):



Received Sample



Received Sample



Received Sample

Test Part Description:

SN ID.	Sample No.	Description
SN1	A5	Yellow soft plastic(Body)
SN2	A1+A2	Blue coating + Yellow coating
SN3	A3+A4+A5	Transparent blue soft plastic(Valve) + White soft plastic(Body) + Yellow soft plastic(Body)



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SN ID.	Sample No.	Description
SN4	A3+A4	Transparent blue soft plastic(Valve) + White soft plastic(Body)

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
- D. This document cannot be reproduced except in full, without prior written approval of the company.
- E. 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, SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion.
- F. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not taken into account.
- G. Since the above deviation of testing method is provided by the applicant, the relevant results or conclusions of this report are only made for the deviation method, SGS is not responsible for the validity of the result and /or conclusion resulted from the deviation.

*** End of Report ***



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