

REACH XVII TEST REPORT

Applicant : Happy Shopper Group B.V.

Address : Laarakkerweg 27, 5061JR, Oisterwijk, The Netherlands

Manufacturer : Happy Shopper Group B.V.

Address : Laarakkerweg 27, 5061JR, Oisterwijk, The Netherlands

Sample name : Squishy Dumplings

Trademark : JEPPIES

Model : 8720928320388, 8720928320364, 8720928320340

Test Requested : Please refer to next page(s).

Test Results : PASS

Report Number : 202607509S

Date of Test : June 26, 2026 to July 07, 2026

Date of Report : July 07, 2026

Tested by : Angela Shi

Reviewed by : Nike Huang

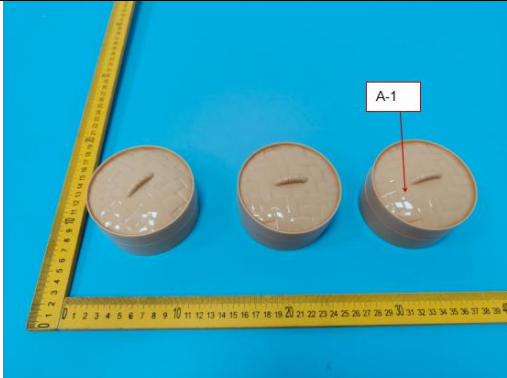
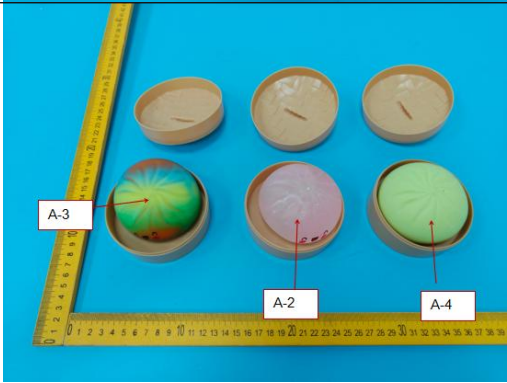
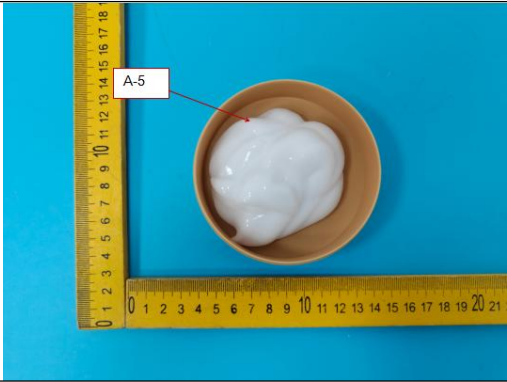
Approved by : Joseph Zhang

Test Requested and Conclusion(s):

Test Requested	Conclusion
1. Lead (Pb) content - Regulation (EC) No 1907/2006 Annex XVII entry 63, and its amendment regulation (EU) No 2015/628	PASS
2. Cadmium (Cd) content - Regulation (EC) No 1907/2006 Annex XVII entry 23 and its amendments.	PASS
3. Entry 18 (Mercury compounds) and Entry 18a (Mercury) of Annex XVII to REACH Regulation (EC) No 1907/2006	PASS
4. Entry 47 of Annex XVII to Regulation (EC) No 1907/2006 – Restrictions on Chromium VI (Hexavalent Chromium) Compounds	PASS
5. Entry 19 (Arsenic and its compounds) & Entry 72 (CMR substances in soft consumer articles with prolonged skin contact)	PASS
6. Organotin Compounds (DBT, DOT, Trisubstituted organotin compounds) content – the Entry 20 in Annex XVII of the REACH Regulation (EC) NO.1907/2006.	PASS
7. Formaldehyde Content	PASS
8. Allergenic Fragrance Substances-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 67	PASS
9. Carcinogenic Azo Dyes / Azo Colourants-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 43	PASS
10. Cyclic volatile methylsiloxanes: D4 (Octamethylcyclotetrasiloxane), D5 (Decamethylcyclopentasiloxane), D6 (Dodecamethylcyclohexasiloxane)-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 70	PASS
11. Polycyclic Aromatic Hydrocarbon Content—the entry 50 in Annex XVII of the REACH Regulation (EC) NO.1907/2006	PASS
12. Benzene, CAS No. 71-43-2-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 5	PASS
13. Phthalates Content - The entries 51& 52 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and its amending directive (EU) 2018/2005.	PASS

Test Result(s):

Description of Specimen :

Sample No.	Description	Photograph
A-1	PP plastic steamer case (lid & body)	
A-2	Pink glitter TPR Squishy with printed ink	
A-3	Gradient TPR Squishy with printed coating	
A-4	Light green TPR Squishy	
A-5	White cream slime filler	

Test Result:**1. Lead (Pb) content-Regulation (EC) No 1907/2006 Annex XVII entry 63, and its amendment regulation (EU)No 2015/628**

Test Method: With reference to IEC 62321-5:2013, analysis was performed by ICP-OES.

No.	Test Item	Unit	Results	MDL	Limit
A-1	Lead (Pb)	mg/kg	N.D.	10	500
A-2	Lead (Pb)	mg/kg	N.D.	10	500
A-3	Lead (Pb)	mg/kg	N.D.	10	500
A-4	Lead (Pb)	mg/kg	N.D.	10	500
A-5	Lead (Pb)	mg/kg	N.D.	10	500

Note:

1. mg/kg = milligram per kilogram = ppm
2. MDL = Method Detection Limit.
3. N.D. = Not Detected (< MDL).

2. Cadmium(Cd) content - Regulation (EC) No 1907/2006 Annex XVII entry 23 and its amendments.

Test Method: With reference to IEC 62321-5:2013, analysis was performed by ICP-OES.

No.	Test Item	Unit	Results	MDL	Limit
A-1	Cadmium (Cd)	mg/kg	N.D.	2	100
A-2	Cadmium (Cd)	mg/kg	N.D.	2	100
A-3	Cadmium (Cd)	mg/kg	N.D.	2	100
A-4	Cadmium (Cd)	mg/kg	N.D.	2	100
A-5	Cadmium (Cd)	mg/kg	N.D.	2	100

Note:

1. mg/kg = milligram per kilogram = ppm
2. MDL = Method Detection Limit.
3. N.D. = Not Detected (< MDL).

3. Entry 18 (Mercury compounds) and Entry 18a (Mercury) of Annex XVII to REACH Regulation (EC) No 1907/2006

Test Method: With reference to IEC 62321-4.

No.	Test Substance	Abbreviation	LOD (mg/kg)	Test Result (mg/kg)	Compliance Verdict
A-1	Total Mercury (Elemental & Mercury Compounds)	Hg	0.10	N.D.	Pass
A-2	Total Mercury (Elemental & Mercury Compounds)	Hg	0.10	N.D.	Pass
A-3	Total Mercury (Elemental & Mercury Compounds)	Hg	0.10	N.D.	Pass
A-4	Total Mercury (Elemental & Mercury Compounds)	Hg	0.10	N.D.	Pass
A-5	Total Mercury (Elemental & Mercury Compounds)	Hg	0.10	N.D.	Pass

Judgment Rule

Per REACH Annex XVII Entry 18 & 18a:

1.Entry 18: Mercury compounds are banned for anti-fouling, wood preservation, textile impregnation and industrial water treatment applications.

2.Entry 18a: Metallic mercury is prohibited in consumer measuring devices. For general consumer articles (ice cream scoop): No intentional mercury or mercury compounds shall be present in any homogeneous material.

Result < LOD (ND): Verdict = Pass, fully complies with REACH Annex XVII Entry 18 & 18a

Result ≥ LOD: Verdict = Fail, non-compliant with EU mercury restriction regulations

4. Entry 47 of Annex XVII to Regulation (EC) No 1907/2006 – Restrictions on Chromium VI (Hexavalent Chromium) Compounds

Test Method: With reference to ISO 3613 / EN 15205 / EPA 3060A + EPA 7196A

No.	Test Substance	Abbreviation	LOD (mg/kg)	Test Result (mg/kg)	Compliance Verdict
A-1	Hexavalent Chromium	Cr ⁶⁺	0.10	N.D.	Pass
A-2	Hexavalent Chromium	Cr ⁶⁺	0.10	N.D.	Pass

No.	Test Substance	Abbreviation	LOD (mg/kg)	Test Result (mg/kg)	Compliance Verdict
A-3	Hexavalent Chromium	Cr ⁶⁺	0.10	N.D.	Pass
A-4	Hexavalent Chromium	Cr ⁶⁺	0.10	N.D.	Pass
A-5	Hexavalent Chromium	Cr ⁶⁺	0.10	N.D.	Pass

Judgment Rule

Per REACH Annex XVII Entry 47: Articles with metallic coating or metal surfaces intended for prolonged skin contact shall not contain detectable hexavalent chromium (Cr⁶⁺).

Result < LOD (ND): Verdict = Pass, complies with REACH Annex XVII Entry 47

Result ≥ LOD: Verdict = Fail, non-compliant with EU REACH restriction regulation

5. Entry 19 (Arsenic and its compounds) & Entry 72 (CMR substances in soft consumer articles with prolonged skin contact)

1) Basic Test Information:

Section	Content
Test Parameter	Total Arsenic and arsenic compounds (As)
Governing Regulation	Regulation (EC) No 1907/2006 (REACH), Annex XVII
Restriction Entry	Entry 19 (Arsenic and its compounds) & Entry 72 (CMR substances in soft consumer articles with prolonged skin contact)
Test Method	Microwave acid digestion + ICP-MS
Unit	mg/kg
Reporting Limit (RL)	0.1 mg/kg

2) Test Result Table:

No.	Sample Description	Total Arsenic (As) Result (mg/kg)	Compliance with REACH Annex XVII Entry 19 & Entry 72	Final Verdict
A-1	PP plastic steamer case (lid & body)	<0.1	Complies with limit requirements	Conform
A-2	Pink glitter TPR Squishy with printed ink	<0.1	Complies with limit requirements	Conform
A-3	Gradient TPR Squishy with printed coating	<0.1	Complies with limit requirements	Conform

No.	Sample Description	Total Arsenic (As) Result (mg/kg)	Compliance with REACH Annex XVII Entry 19 & Entry 72	Final Verdict
A-4	Solid light green TPR Squishy	<0.1	Complies with limit requirements	Conform
A-5	White cream slime filler	<0.1	Complies with limit requirements	Conform

6. Organotin Compounds (DBT, DOT, Trisubstituted organotin compounds) content – the Entry 20 in Annex XVII of the REACH Regulation (EC) NO.1907/2006

Test Method: 1) According to US EPA 3052:1996 & US EPA 6010D:2018, analysis was performed by Inductively Coupled Plasma Emission Spectrometer (ICP-OES)

2) Sample extraction according to US EPA 3550C:2007, the analysis following ISO 17353-2004, analysis was performed by GC - MS.

Material No.	A-2, A-3, A-4, A-5			
Test Item	Unit	Results	MDL	Limit
Dibutyltin (DBT) (As Tin)	%	N.D.	0.005	0.1
Diocetyl tin (DOT) (As Tin)	%	N.D.	0.005	0.1
Trisubstituted organotin Compounds (As Tin)	%	N.D.	0.005	0.1

Note:

1.% = percentage by weight.

2.0.0001% = 1 mg/kg.

3.MDL = Method Detection Limit.

4.N.D. = Not Detected (< MDL).

5.If the tin content is less than the detection limit, the confirmatory test for organotin is not required.

6.Trisubstituted organotin compounds are represented by Tributyltin (TBT) compound and Triphenyltin (TPhT) compound.

7. Formaldehyde Content

Test Method: With reference to ISO 14184-1: 2011

Material No.	Unit	MDL	Client's Limit	Test result	Conclusion
A-2	mg/kg	16	75	N.D.	Pass
A-3	mg/kg	16	75	N.D.	Pass
A-4	mg/kg	16	75	N.D.	Pass
A-5	mg/kg	16	75	N.D.	Pass

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. MDL = method detection limit.
 3. N.D.=not detected (<MDL).

8. Allergenic Fragrance Substances-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 67

1) Basic Test Information:

Item	Details
Test Parameter	Allergenic Fragrance Substances
Governing Regulation	Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 67
Test Method	Solvent extraction followed by GC-MS analysis
Unit	mg/kg
Reporting Limit (RL)	1.0 mg/kg

2) Test Result Table

No.	Test Result of Allergenic Fragrances (mg/kg)	Compliance with REACH Annex XVII Entry 67	Final Verdict
A-2	Substances < RL	Meet the restriction limits of Entry 67	Conform
A-3	Substances < RL	Meet the restriction limits of Entry 67	Conform
A-4	Substances < RL	Meet the restriction limits of Entry 67	Conform
A-5	Substances < RL	Meet the restriction limits of Entry 67	Conform

9. Azo dyes content

Test Method: EN ISO 14362-1:2017 & EN ISO 17234-1:2020

Material No.	Limit (mg/kg)	Result	Conclusion
A-2	30 (single)	N.D. (single)	Pass
A-3	30 (single)	N.D. (single)	Pass
A-4	30 (single)	N.D. (single)	Pass
A-5	30 (single)	N.D. (single)	Pass

List of Banned Azo dyes:

Substances	CAS No.	Substances	CAS No.
4-Aminodiphenyl	92-67-1	3,3'-Dimethylbenzidine	119-93-7
Benzidine	92-87-5	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
4-Chloro-o-Toluidine	95-69-2	p-Cresidine	120-71-8
2-Naphthylamine	91-59-8	4,4'-Methylene-bis- (2-chloraniline)	101-14-4
o-Aminoazotoluene*	97-56-3	4,4'-Oxydianiline	101-80-4
2-Amino-4-nitrotoluene*	99-55-8	4,4'-Thiodianiline	139-65-1
p-Chloroaniline	106-47-8	o-Toluidine	95-53-4
2,4-Diaminoanisole	615-05-4	2,4-Toluylenediamine	95-80-7
4,4'-Diaminodiphenylmethane	101-77-9	2,4,5-Trimethylaniline	137-17-7
3,3'-Dichlorobenzidine	91-94-1	2-Methoxyaniline	90-04-0
3,3'-Dimethoxybenzidine	119-90-4	4-Aminoazobenzene**	60-09-3

- Note:**
1. mg/kg = milligram per kilogram.
 2. N.D. = Not Detected.
 3. MDL= method detection limit = 5mg/kg.
 4. *: o-Aminoazotoluene [CAS No. 97-56-3] and 2-Amino-4-nitrotoluene [CAS No. 99-55-8] are further reduced to o-Toluidine [CAS No. 95-53-4] and 2,4-Toluylenediamine [CAS No. 95-80-7].
 5. **: Azo colorants that are able to form p-aminoazobenzene, generate aniline and 1,4-phenylenediamine under the condition of this method. The presence of these colorants cannot be confirmed by the method stated as above. The result of p-aminoazobenzene shown is analysed and confirmed by EN ISO 14362-3: 2017. Herein, the aniline and 1,4-phenylenediamine are not found for the tested materials.

10. Cyclic volatile methylsiloxanes: D4 (Octamethylcyclotetrasiloxane), D5 (Decamethylcyclopentasiloxane), D6 (Dodecamethylcyclohexasiloxane)-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 70

1) Basic Test Information:

Item	Details
Test Parameter	Cyclic volatile methylsiloxanes: D4 (Octamethylcyclotetrasiloxane), D5 (Decamethylcyclopentasiloxane), D6 (Dodecamethylcyclohexasiloxane)
Governing Regulation	Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 70
Test Method	Solvent extraction, GC-MS analysis
Unit	mg/kg

Item	Details
Reporting Limit (RL)	1.0 mg/kg

2) Test Result Table

No.	D4 Result (mg/kg)	D5 Result (mg/kg)	D6 Result (mg/kg)	Sum D4+D5 (mg/kg)	Compliance with REACH Annex XVII Entry 70	Final Verdict
A-2	< RL	< RL	< RL	< RL	Meet limit requirements of Entry 70	Conform
A-3	< RL	< RL	< RL	< RL	Meet limit requirements of Entry 70	Conform
A-4	< RL	< RL	< RL	< RL	Meet limit requirements of Entry 70	Conform

11. Polycyclic Aromatic Hydrocarbon Content—the entry 50 in Annex XVII of the REACH Regulation (EC) NO.1907/2006

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

No.	A-1, A-2, A-3, A-4				
Test Item	CAS No.	Unit	Results	MDL	Limit
Benzo (a) anthracene(BaA)	56-55-3	mg/kg	N.D.	0.2	1
Benzo (a) pyrene(BaP)	50-32-8	mg/kg	N.D.	0.2	1
Benzo (b) fluoranthene(BbF)	205-99-2	mg/kg	N.D.	0.2	1
Benzo (k) fluoranthene(BkF)	207-08-9	mg/kg	N.D.	0.2	1
Chrysene (CHR)	218-01-9	mg/kg	N.D.	0.2	1
Dibenzo (a,h) anthracene(DBA)	53-70-3	mg/kg	N.D.	0.2	1
Benzo[j]fluoranthene(BjF)	205-82-3	mg/kg	N.D.	0.2	1
Benzo[e]pyrene(BeP)	192-97-2	mg/kg	N.D.	0.2	1
Sum of PAHs	-	mg/kg	N.D.	-	1

Note:

1. mg/kg = milligram per kilogram
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only

12. Benzene, CAS No. 71-43-2-Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 5

1) Basic Test Information:

Item	Details
Test Parameter	Benzene, CAS No. 71-43-2
Governing Regulation	Regulation (EC) No 1907/2006 (REACH), Annex XVII Entry 5
Test Method	Solvent extraction followed by GC-MS analysis
Unit	mg/kg
Reporting Limit (RL)	0.1 mg/kg

2) Test Result Table

No.	Benzene Result (mg/kg)	Compliance with REACH Annex XVII Entry 5	Final Verdict
A-1	< RL	Comply with the limit specified in Entry 5	Conform
A-2	< RL	Comply with the limit specified in Entry 5	Conform
A-3	< RL	Comply with the limit specified in Entry 5	Conform
A-4	< RL	Comply with the limit specified in Entry 5	Conform
A-5	< RL	Comply with the limit specified in Entry 5	Conform

13. Phthalates Content - The entries 51& 52 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and its amending directive (EU) 2018/2005

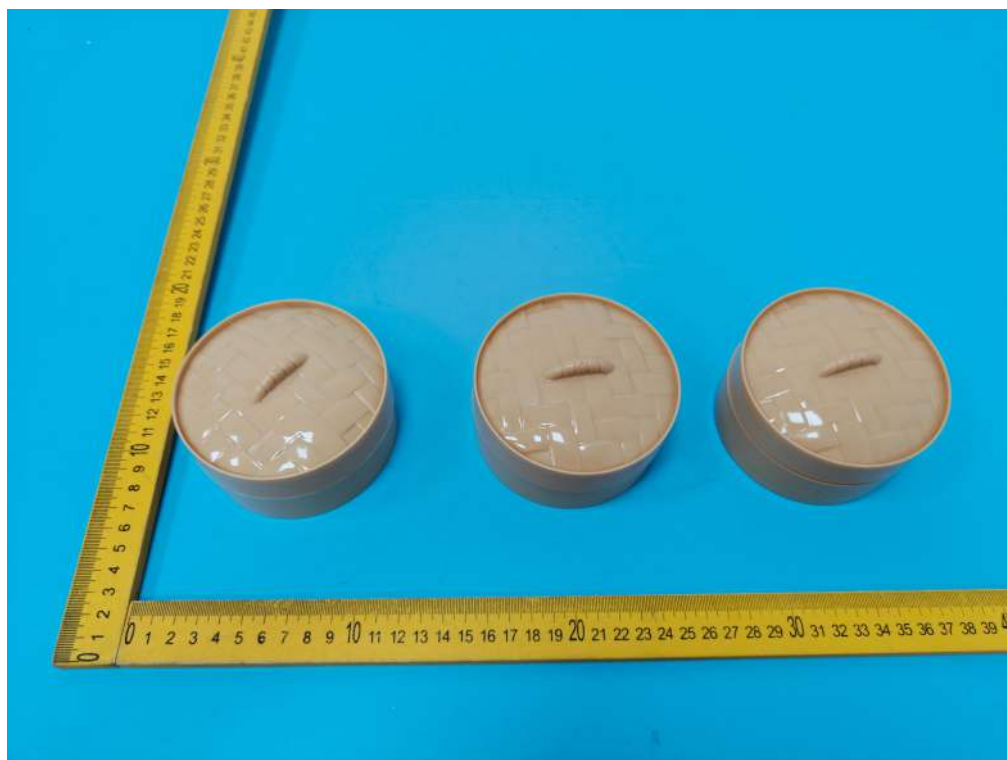
Test Method: With reference to EN 14372:2004, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Tested Items	CAS No.	*Result (%) A-1, A-2, A-3,A-4	MDL (%)	Permissible Limit (%)	Comment
Dibutyl phthalate (DBP)	84-74-2	ND	0.003	0.1	Pass
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.003	0.1	Pass
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	ND	0.003	0.1	Pass
Dicyclohexyl phthalate (DCHP)	201-545-9	ND	0.005	0.1	Pass
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	0.005	0.1	Pass
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	0.003	0.1	Pass

Dihexyl phthalate (DnHP)	84-75-3	ND	0.003	0.1	Pass
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	0.003	0.1	Pass
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003	0.1	Pass
1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	0.003	0.1	Pass
1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	0.005	0.1	Pass
Diisopentyl phthalate (DIPP)	605-50-5	ND	0.003	0.1	Pass
N-pentyl-isopentyl phthalate	776297-69-9	ND	0.003	0.1	Pass
1, 2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	ND	0.005	0.1	Pass
Dipentyl phthalate (DPP)	131-18-0	ND	0.003	0.1	Pass
Di-n-octyl phthalate (DNOP)	117-84-0	ND	0.003	0.1	Pass
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.005	0.1	Pass
1, 2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	0.004	0.1	Pass

Note:

1. % = percentage by weight.
2. 0.0001% = 1 mg/kg.
3. MDL = Method Detection Limit.
4. N.D. = Not Detected (< MDL).

Photo(s) of the sample(s)

***** END OF REPORT *****