

# TEST REPORT

**APPLICANT** : Melii Baby Inc.

**ADDRESS** : 49 Beaconsfield Boulevard Beaconsfield, Quebec (Canada),  
H9W 3Y8

**SAMPLE DESCRIPTION** : PEVA Food Storage Bags

**MANUFACTURER** : NINGBO FAR EAST IMPORT & EXPORT CO.,LTD.

**BUYER** : Melii Baby Inc.

**COUNTRY OF ORIGIN** : China

**COUNTRY OF DESTINATION** : CAN/US/UK/EU

**AGE REQUESTED ON APPLICATION FORM** : 3+

**LABELED AGE GRADE** : 3+

**AGE GRADE APPLIED IN TESTING** : 3+

**PRODUCT MATERIAL** : PEVA and PE

**SAMPLE RECEIVED DATE** : 14-Apr-2022

**SAMPLE RESUBMISSION DATE** : 20-May-2022

**TURN AROUND TIME** : 20-May-2022 to 01-June-2022

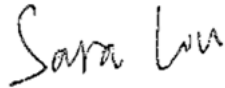
The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
Physical and Mechanical Hazards-EN71 Part1	Pass
Physical and Mechanical Hazards-CPSC	Pass
Total Lead Content in Substrate-CPSIA	Pass
Total Lead Content in Paint / Surface Coating	Not Applicable
Phthalates Content-16 CFR Part 1307	Pass
Total Cadmium Content-REACH	Pass
Phthalates Content-REACH	Pass
Polycyclic Aromatic Hydrocarbons (PAHs)-REACH	Pass
Polycyclic Aromatic Hydrocarbons (PAHs)-REACH	Pass
Bisphenol A (BPA)	See Test Result
Total Lead-ILLINOIS	Pass
Total Lead Content-CA65	Pass
Total Lead Content-REACH	Pass
Phthalates Content-CA65	Pass
Total Cadmium Content-CA65	Pass
Lead Content-SOR	Pass
Total Lead Content in Paint / Surface Coating-SOR	Not Applicable
Phthalate Regulations-SOR	Pass
FDA 21 CFR 177.1520	Pass
FDA 21 CFR 177.1350 with reference to FDA 21 CFR 176.170(c)	Pass
Overall Migration	Pass
Specific Migration of Heavy Metal	Pass
Specific Migration of Acetic Acid, Vinyl Ester	Pass
Polyvinyl Chloride (PVC) Qualitative Analysis	Pass
Lead, Cadmium Content in Surface Wipe	See Test Result

*Samples are obtained by express delivery. Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [info.hz@eurofins.com](mailto:info.hz@eurofins.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [chinacomplaint@eurofins.com](mailto:chinacomplaint@eurofins.com) and referring to this report number.*

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

Signed for and on behalf of  
Eurofins Product Testing Service (Shanghai) Co., Ltd. Hangzhou Branch



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Sara Liu  
Lab Manager

**SAMPLE PHOTO(S)**



**EFHZ22042521-CG-01**

\*\*\*TO BE CONTINUED\*\*\*

## COMPONENT LIST

Component No.	Component	Sample No.
1	White PEVA with multicolor coating	A
2	White PEVA with black/purple coating	B
3	White PEVA with black coating	C
4	White PEVA with blue green coating	D
5	White PEVA with multicolor coating	E
6	White PEVA with multicolor coating	F
7	White PEVA (inside)	A,B,C,D,E,F
8	Transparent PEVA (inside)	A,B,C,D,E,F
9	Transparent PE seal ring	A,B,C,D,E,F

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Physical and Mechanical Hazards

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

Section	Description	Result
4	General requirements	
4.1	Material cleanliness (by visual assessment)	P
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	P
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	P
4.8	Points and Metallic Wires	P
4.9	Protruding parts	N/A
4.10	Parts moving against each other	
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms.	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys.	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	
4.15.1	Toys propelled by the child or by other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
4.17.1	General	N/A
4.17.2	All projectiles	N/A
4.17.3	Projectile toy with stored energy	N/A
4.17.4	Certain projectile toys without stored energy	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.20.2.1	General	N/A
4.20.2.2	Close-to-the-ear toys	N/A
4.20.2.3	Table-top or floor toys	N/A
4.20.2.4	Hand-held toys	N/A
4.20.2.5	Toys using headphones or earphones	N/A
4.20.2.6	Rattles	N/A
4.20.2.7	Squeeze toys	N/A

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Section	Description	Result
4.20.2.8	Pull-along or push toys	N/A
4.20.2.9	Percussion toys	N/A
4.20.2.10	Wind toys	N/A
4.20.2.11	Cap-firing toys	N/A
4.20.2.12	Voice toys	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
4.27.1	General	N/A
4.27.2	Rotors and propellers on flying toys	N/A
4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5	Toys intended for children under 36 months	
5.1	General requirements	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
5.15	Sledges with cords for pulling	N/A
6	Packaging	N/A
7	Warnings, markings and instructions for use	
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex Balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional Toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
7.11	Toys intended to be strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toys bicycles	N/A

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Section	Description	Result
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toy with electrical cables exceeding 300mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A

**Remark:**

P - Pass

NA - Not Applicable

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

### Physical and Mechanical Hazards

Test Request: The Mechanical Hazards Requirements of 16 CFR 1500, after Use and Abuse Tests.

Section	Description	Result
	Sound Pressure Level produced by toy cap	
16 CFR 1501	Small Parts	N/A
16 CFR 1500.48	Sharp Points	P
16 CFR 1500.49	Sharp Edges	N/A
16 CFR 1510	Rattles	N/A
16 CFR 1511	Pacifier	N/A

**Remark:**

P - Pass

NA - Not Applicable

The use and abuse tests conducted are:

As Received & Normal Use (1500.50)

Impact Test (1500.53(b))

Torque Test (1500.53(e))

Tension Test (1500.53(f))

Compression Test (1500.53(g))

### Total Lead Content in Substrate

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Lead(Pb)	mg/kg	100	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result		
				5	6	9
Total Lead(Pb)	mg/kg	100	10	ND	ND	ND

**Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates as specified in CPSC 16 CFR part 1307.

Test Method: CPSC-CH-C1001-09.4

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3	4
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					5	6	8	9
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND

### Remarks:

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Cadmium Content

Test Request: Total cadmium content as specified in Commission Regulation (EU) 2016/217 amending entry 23 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EPA 3050B:1996, EPA 3052:1996, EN 1122:2001 Method B, acid digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Cadmium	mg/kg	100	5	ND	9	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				5	6
Total Cadmium	mg/kg	100	5	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				8	9
Total Cadmium	mg/kg	100	5	11	ND

**Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Phthalates content as specified in entry 51&52 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) 2018/2005.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3	4
Dibutyl phthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of (DEHP+DBP+BBP+DIBP)	-	%	0.1	-	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					5	6	8	9
Dibutyl phthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of (DEHP+DBP+BBP+DIBP)	-	%	0.1	-	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	ND	ND

#### Remarks:

1 mg/kg = 1 ppm = 0.0001%

MDL = method detection limit

ND = Not detected, less than MDL

“- “ = Not Regulated

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs) content as specified in Regulation (EU) 2015/326 amending entry 50 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2019:01 PAK

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3	4
Benzo(a)anthracene	56-55-3	mg/kg	1	0.2	ND	ND	ND	ND
Chrysene	218-01-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(a)pyrene	50-32-8	mg/kg	1	0.2	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	1	0.2	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					5	6	8	9
Benzo(a)anthracene	56-55-3	mg/kg	1	0.2	ND	ND	ND	ND
Chrysene	218-01-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(a)pyrene	50-32-8	mg/kg	1	0.2	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	1	0.2	ND	ND	ND	ND

#### Remarks:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs) content according to German GS  
Specification: AfPS GS 2019:01 PAK

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection  
(GC-MS) with respect to AfPS GS 2019:01 PAK

Parameter	CAS No.	Unit	Result				
			1	2	3	4	5
PAHs Category			Category 1	Category 1	Category 1	Category 1	Category 1
Benzo(a)pyrene	50-32-8	mg/kg	ND	ND	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	ND	ND	ND	ND	ND
Benzo(a)anthracene	56-55-3	mg/kg	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	ND	ND	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	ND	ND	ND	ND	ND
Chrysene	218-01-9	mg/kg	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND	ND	ND	ND	ND
Benzo(ghi)perylene	191-24-2	mg/kg	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	mg/kg	ND	ND	ND	ND	ND
Anthracene	120-12-7	mg/kg	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	mg/kg	ND	ND	ND	ND	ND
Pyrene	129-00-0	mg/kg	ND	ND	ND	ND	ND
Naphthalene	91-20-3	mg/kg	ND	ND	ND	ND	ND
Sum of 4 GS PAHS (Phenanthrene, Pyrene, Anthracene, Fluoranthene)	-	mg/kg	ND	ND	ND	ND	ND
Sum of 15 GS PAHs	-	mg/kg	ND	ND	ND	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Parameter	CAS No.	Unit	Result		
			6	8	9
PAHs Category			Category 1	Category 1	Category 1
Benzo(a)pyrene	50-32-8	mg/kg	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	ND	ND	ND
Benzo(a)anthracene	56-55-3	mg/kg	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	ND	ND	ND
Chrysene	218-01-9	mg/kg	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND	ND	ND
Benzo(ghi)perylene	191-24-2	mg/kg	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND	ND	ND
Phenanthrene	85-01-8	mg/kg	ND	ND	ND
Anthracene	120-12-7	mg/kg	ND	ND	ND
Fluoranthene	206-44-0	mg/kg	ND	ND	ND
Pyrene	129-00-0	mg/kg	ND	ND	ND
Naphthalene	91-20-3	mg/kg	ND	ND	0.7
Sum of 4 GS PAHS (Phenanthrene, Pyrene, Anthracene, Fluoranthene)	-	mg/kg	ND	ND	ND
Sum of 15 GS PAHs	-	mg/kg	ND	ND	0.7

**Note:**

mg/kg = milligram per kilogram

ND = not detected, less than 0.2 mg/kg

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

**Table 1**

AfPS GS 2019:01 PAK requirement:

Parameter	Unit	Category 1 Materials intended to be taken into the mouth, or materials in toys acc. to DIR 2009/48/EC or materials in articles intended for the use by children up to 3 years of age having long-term skin contact (more than 30s) within intended use	Category 2 Materials that do not fall into category 1, with long-term skin contact (more than 30s) or repeated short-term skin contact within intended or foreseeable use		Category 3 Materials that do neither fall into category 1 nor 2, with short-term skin contact (up to 30s) within intended or foreseeable use	
			a. use by children	b. other consumer products	a. use by children	b. other consumer products
Benzo(a)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(e)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(a)anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(b)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(j)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(k)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo(a,h)anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Benzo(ghi)perylene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Indeno(1,2,3-cd)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1
Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	<1 Sum	<5 Sum	<10 Sum	<20 Sum	<50 Sum
Naphthalene	mg/kg	<1	<2		<10	
Sum 15 PAH	mg/kg	<1	<5	<10	<20	<50

In the sum of the 15 PAH, only those PAH components quantified in the material from 0.2 mg/kg are taken into account.

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

### Bisphenol A (BPA)

Test Method: With reference to EPA 3550C:2007, EPA 8321B:2007, solvent extraction and determination by LC-MS

Test Item(s)	CAS No.	Unit	MDL	Result			
				1	2	3	4
Bisphenol A	80-05-7	mg/kg	0.1	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	MDL	Result			
				5	6	8	9
Bisphenol A	80-05-7	mg/kg	0.1	ND	ND	ND	ND

**Remarks:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Lead

Test Request: Total lead in substrate as specified in Illinois Lead Poisoning Prevention Act (LPPA).

Test Method: CPSC-CH-E1002-08.3

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Lead(Pb)	mg/kg	40	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				5	6
Total Lead(Pb)	mg/kg	40	10	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				8	9
Total Lead(Pb)	mg/kg	40	10	ND	ND

### Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Lead Content

Test Request: Total lead content as specified in US California Proposition 65

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996  
 Acid digestion/ microwave digestion method was used and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Lead	mg/kg	90	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				5	6
Total Lead	mg/kg	90	10	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				8	9
Total Lead	mg/kg	100	10	ND	ND

**Remark:**

The limit(s) was/were referred from various court cases. Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Lead Content

Test Request: Total lead content as specified in entry 63 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 2015/628.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996  
 Acid digestion/ microwave digestion method was used and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Lead	mg/kg	500	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				5	6	8	9
Total Lead	mg/kg	500	10	ND	ND	ND	ND

**Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Phthalates Content as specified in US California Proposition 65

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3	4
Dibutyl phthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Phthalic acid, bis-hexyl ester (DnHP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					5	6	8	9
Dibutyl phthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Phthalic acid, bis-hexyl ester (DnHP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND

### Remarks:

Remark:

MDL = method detection limit

ND = Not detected, less than MDL

The limit(s) was/were referred from various court cases.

Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Cadmium Content

Test Request: Total cadmium content as specified in US California Proposition 65

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996

Acid digestion/ microwave digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Cadmium	mg/kg	100	5	ND	9	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				5	6
Total Cadmium	mg/kg	100	5	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				8	9
Total Cadmium	mg/kg	100	5	11	ND

**Remark:**

The limit(s) was/were referred from various court cases. Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Lead Content

Test Request: Lead content as specified in Canada Consumer Product Safety Act - Consumer Products Containing Lead Regulations, SOR/2018-83.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2-2020, Method C02.3.2-2021, Method C02.4.1-2019, Method C08-2014

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	4
Total Lead	mg/kg	90	10	ND	ND	ND	ND
Released Lead	mg/kg	90	5	NA	NA	NA	NA

Test Item(s)	Unit	Limit	MDL	Result			
				5	6	8	9
Total Lead	mg/kg	90	10	ND	ND	ND	ND
Released Lead	mg/kg	90	5	NA	NA	NA	NA

### Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

NA = Not Applicable

Exception:

Each accessible part may contain more than 90 mg/kg of lead if

- a) lead is necessary to produce an essential characteristic of the part;
- b) no alternative part containing less lead is available; and
- c) the part, when tested in accordance with good laboratory practices, does not release more than 90 mg/kg of lead.

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalate Regulations

Test Request: Phthalates Content as specified in Canada Consumer Product Safety Act - Phthalate Regulations, SOR/2016-188.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C34.2-2018, analysis is performed by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3	4
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Di-n-butyl phthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					5	6	8	9
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Di-n-butyl phthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

#### Remarks:

MDL = method detection limit

ND = Not detected, less than MDL

DEHP, DBP and BBP are restricted for the vinyl in a toy or child care article.

DINP, DIDP and DNOP are restricted for the vinyl in any part of a toy or child care article that can, in a reasonably foreseeable manner, be placed in the mouth of a child under four years of age.

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

### FDA 21 CFR 177.1520

Test Request: As specified for client, for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Method: As specified in FDA 21 CFR 177.1520.

Tested Item(s)	Limit	Result
		9
Extractable fraction in n-hexane at reflux temperature, w/w%	6.4 max.	6.1
Density at 23°C, g/cm <sup>3</sup>	0.880 – 0.913	0.912
Soluble fraction in xylene at 25°C, w/w%	9.8 max.	7.3

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### FDA 21 CFR 177.1350 with reference to FDA 21 CFR 176.170(c)

Test Requested : As specified by client, for compliance with the Food and Drug Administration Regulations for determining the amount of net chloroform-soluble extractives (corrected for zinc as zinc oleate if necessary) of Ethylene-vinyl acetate copolymers.

Test Method : As specified in FDA 21 CFR 177.1350 with reference to FDA 21 CFR 176.170(c)

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max.Permissible Limit</u>	<u>Result</u>
				<u>7</u>
Distilled Water	2 hours	100°F	0.5 mg/inch <sup>2</sup>	0.3 mg/inch <sup>2</sup>
8% Alcohol	2 hours	150°F	0.5 mg/inch <sup>2</sup>	<0.1 mg/inch <sup>2</sup>
50% Alcohol	2 hours	150°F	0.5 mg/inch <sup>2</sup>	0.2 mg/inch <sup>2</sup>
n-Heptane	30mins	100°F	0.5 mg/inch <sup>2</sup>	0.2 mg/inch <sup>2</sup>

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max.Permissible Limit</u>	<u>Result</u>
				<u>8</u>
Distilled Water	2 hours	100°F	0.5 mg/inch <sup>2</sup>	0.2 mg/inch <sup>2</sup>
8% Alcohol	2 hours	150°F	0.5 mg/inch <sup>2</sup>	<0.1 mg/inch <sup>2</sup>
50% Alcohol	2 hours	150°F	0.5 mg/inch <sup>2</sup>	<0.1 mg/inch <sup>2</sup>
n-Heptane	30mins	100°F	0.5 mg/inch <sup>2</sup>	0.1 mg/inch <sup>2</sup>

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Overall Migration

**Test Request:** To determine the Overall Migration for compliance with Commission Regulation (EU) No 10/2011 and its amendments (EU) 2020/1245 relating to plastic materials and articles intended to come into contact with foodstuffs.

**Test Method:** With reference to EN1186-1:2002 for selection of conditions and test methods;  
 or EN1186-3:2002 aqueous food simulants by total immersion method;  
 or EN1186-9:2002 aqueous food simulants by article filling method;  
 or EN1186-2:2002 olive oil by total immersion method;  
 or EN1186-8:2002 olive oil by article filling method;  
 or EN 1186-14:2002 substitute test

Simulant used	Time	Temperature	Max. Permissible Limit	Result		
				7		
				1 <sup>st</sup> Test	2 <sup>nd</sup> Test	3 <sup>rd</sup> Test
10% Ethanol (V/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
3% Acetic Acid (W/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	2hours	60°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
Isooctane (Rectified Olive Oil Substitute)	0.5hour	40°C	10 mg/dm <sup>2</sup>	3.6 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>

Simulant used	Time	Temperature	Max. Permissible Limit	Result		
				8		
				1 <sup>st</sup> Test	2 <sup>nd</sup> Test	3 <sup>rd</sup> Test
10% Ethanol (V/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
3% Acetic Acid (W/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	2hours	60°C	10 mg/dm <sup>2</sup>	5.9 mg/dm <sup>2</sup>	5.2 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
Isooctane (Rectified Olive Oil Substitute)	0.5hour	40°C	10 mg/dm <sup>2</sup>	12.5 mg/dm <sup>2</sup>	5.4 mg/dm <sup>2</sup>	5.1 mg/dm <sup>2</sup>

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Simulant used	Time	Temperature	Max. Permissible Limit	Result		
				9		
				1 <sup>st</sup> Test	2 <sup>nd</sup> Test	3 <sup>rd</sup> Test
10% Ethanol (V/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
3% Acetic Acid (W/V) Aqueous Solution	2hours	70°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	2hours	60°C	10 mg/dm <sup>2</sup>	9.3 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
Isooctane (Rectified Olive Oil Substitute)	0.5hour	40°C	10 mg/dm <sup>2</sup>	16.7 mg/dm <sup>2</sup>	10.5 mg/dm <sup>2</sup>	3.7 mg/dm <sup>2</sup>

**Remark:**

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) Analytical tolerance of aqueous simulants is 1 mg/dm<sup>2</sup>
- (3) Analytical tolerance of fatty food simulants is 3 mg/dm<sup>2</sup>
- (4) Test condition & simulant were specified by client.

\*\*\*TO BE CONTINUED\*\*\*

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Specific Migration of Heavy Metal

Test Request: To determine the Specific Migration of Heavy Metal for compliance with Commission Regulation (EU) No. 10/2011 and its amendments(EU) 2020/1245 relating to plastic materials and articles intended to come into contact with foodstuffs

Test Method: With reference to Regulation (EU) 10/2011 for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by ICP-MS.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 40°C, 2hours

Test Item(s)	Max. Permissible limit	Unit	MDL	Test Result		
				7		
				1 <sup>st</sup> test	2 <sup>nd</sup> test	3 <sup>rd</sup> test
Barium(Ba)	1	mg/kg	0.25	ND	ND	ND
Cobalt(Co)	0.05	mg/kg	0.05	ND	ND	ND
Copper(Cu)	5	mg/kg	0.25	ND	ND	ND
Iron(Fe)	48	mg/kg	0.25	ND	ND	ND
Lithium(Li)	0.6	mg/kg	0.5	ND	ND	ND
Manganese(Mn)	0.6	mg/kg	0.05	ND	ND	ND
Zinc(Zn)	5	mg/kg	0.5	ND	ND	ND
Aluminum(Al)	1	mg/kg	0.1	ND	ND	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND	ND	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND	ND	ND
Arsenic(As)	ND	mg/kg	0.01	ND	ND	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND	ND	ND
Chromium(Cr)	ND	mg/kg	0.01	ND	ND	ND
Lead(Pb)	ND	mg/kg	0.01	ND	ND	ND
Mercury(Hg)	ND	mg/kg	0.01	ND	ND	ND
Europium(Eu)	-	mg/kg	0.01	ND	ND	ND
Gadolinium((Ga)	-	mg/kg	0.01	ND	ND	ND
Lanthanum(La)	-	mg/kg	0.01	ND	ND	ND
Terbium(Tb)	-	mg/kg	0.01	ND	ND	ND
Sum of all lanthanide substances	0.05	mg/kg	-	ND	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Test Item(s)	Max. Permissible limit	Unit	MDL	Test Result		
				8		
				1 <sup>st</sup> test	2 <sup>nd</sup> test	3 <sup>rd</sup> test
Barium(Ba)	1	mg/kg	0.25	ND	ND	ND
Cobalt(Co)	0.05	mg/kg	0.05	ND	ND	ND
Copper(Cu)	5	mg/kg	0.25	ND	ND	ND
Iron(Fe)	48	mg/kg	0.25	ND	ND	ND
Lithium(Li)	0.6	mg/kg	0.5	ND	ND	ND
Manganese(Mn)	0.6	mg/kg	0.05	ND	ND	ND
Zinc(Zn)	5	mg/kg	0.5	ND	ND	ND
Aluminum(Al)	1	mg/kg	0.1	ND	ND	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND	ND	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND	ND	ND
Arsenic(As)	ND	mg/kg	0.01	ND	ND	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND	ND	ND
Chromium(Cr)	ND	mg/kg	0.01	ND	ND	ND
Lead(Pb)	ND	mg/kg	0.01	ND	ND	ND
Mercury(Hg)	ND	mg/kg	0.01	ND	ND	ND
Europium(Eu)	-	mg/kg	0.01	ND	ND	ND
Gadolinium((Ga)	-	mg/kg	0.01	ND	ND	ND
Lanthanum(La)	-	mg/kg	0.01	ND	ND	ND
Terbium(Tb)	-	mg/kg	0.01	ND	ND	ND
Sum of all lanthanide substances	0.05	mg/kg	-	ND	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Test Item(s)	Max. Permissible limit	Unit	MDL	Test Result		
				9		
				1 <sup>st</sup> test	2 <sup>nd</sup> test	3 <sup>rd</sup> test
Barium(Ba)	1	mg/kg	0.25	ND	ND	ND
Cobalt(Co)	0.05	mg/kg	0.05	ND	ND	ND
Copper(Cu)	5	mg/kg	0.25	ND	ND	ND
Iron(Fe)	48	mg/kg	0.25	ND	ND	ND
Lithium(Li)	0.6	mg/kg	0.5	ND	ND	ND
Manganese(Mn)	0.6	mg/kg	0.05	ND	ND	ND
Zinc(Zn)	5	mg/kg	0.5	ND	ND	ND
Aluminum(Al)	1	mg/kg	0.1	ND	ND	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND	ND	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND	ND	ND
Arsenic(As)	ND	mg/kg	0.01	ND	ND	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND	ND	ND
Chromium(Cr)	ND	mg/kg	0.01	ND	ND	ND
Lead(Pb)	ND	mg/kg	0.01	ND	ND	ND
Mercury(Hg)	ND	mg/kg	0.01	ND	ND	ND
Europium(Eu)	-	mg/kg	0.01	ND	ND	ND
Gadolinium((Ga)	-	mg/kg	0.01	ND	ND	ND
Lanthanum(La)	-	mg/kg	0.01	ND	ND	ND
Terbium(Tb)	-	mg/kg	0.01	ND	ND	ND
Sum of all lanthanide substances	0.05	mg/kg	-	ND	ND	ND

**Remark:**

- (1) mg/kg = milligram per kilogram
- (2) MDL = Method Detection Limit
- (3) ND = Not detected, less than MDL
- (4) Test condition & simulant were specified by client.

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Specific Migration of Acetic Acid, Vinyl Ester

Limit according to the Regulation (EU) No 10/2011 and its amendments.

Test condition :

Food simulant	Test duration/temperature
3% Acetic acid	2 hours / 40°C

Testing material No.		7			Detection limit	Limit
Parameter	Unit	Test result				
		1 <sup>st</sup> test	2 <sup>nd</sup> test	3 <sup>rd</sup> test		
Acetic acid, vinyl ester	mg/kg	N.D.	N.D.	N.D.	2	12

Testing material No.		8			Detection limit	Limit
Parameter	Unit	Test result				
		1 <sup>st</sup> test	2 <sup>nd</sup> test	3 <sup>rd</sup> test		
Acetic acid, vinyl ester	mg/kg	N.D.	N.D.	N.D.	2	12

Note: - 1 mg/kg = 1 ppm = 0.0001%

- °C = degree Celsius

- N.D. = Not Detected

**The test item is testing in Eurofins Internal laboratory**

### Polyvinyl Chloride (PVC) Qualitative Analysis

Test method : Beilstein test.

Test No.	Material No.	Test result
PVC-1	7	Negative
PVC-2	8	Negative

Note: Positive = Indicates the presence of halogens (chloride, bromide, iodide excluding fluoride) in the sample(s).

The sample may also has the same reaction, but not the other way if contains polyvinyl chloride (PVC), the confirmation test is highly recommended to prove the presence of PVC.  
Negative = Indicates that PVC is not likely to be present in the sample(s).

**The test item is testing in Eurofins Internal laboratory**

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

### Lead, Cadmium Content in Surface Wipe

Test Request: Lead, Cadmium content on the surface of exterior decoration on ceramicware and glassware under the requirement in California Proposition 65.

Test Method: Preparation, digestion and ICP-MS analysis with reference to NIOSH Method 9100.

Test Item(s)	Unit	MDL	Result					
			A	B	C	D	E	F
Lead (Pb)	µg/article	0.5	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	µg/article	0.5	ND	ND	ND	ND	ND	ND

#### Remark:

The limit(s) was/were referred from various court cases.

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*END OF THE REPORT\*\*\*