

Test Report

Report No.: GNBC23032013EN

Issue Date: Mar. 30, 2023

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : NINGBO EGO INTERNATIONAL CO., LTD
Address : 3/F. NO.168, SONGJIANG EAST ROAD, YINZHOU AREA, NINGBO, CHINA
Sample Name : CANDY BOWL HALLOWEEN PRINTED
Sample Model : G89761
Country of Origin : China
Exported to : U.S.A
Sample Receive Date : Mar. 20, 2023
Sample Testing Period : Mar. 20, 2023 - Mar. 28, 2023
Test Result Summary:

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Density at 23°C	Food and Drug Administration (FDA) Regulations 21 CFR 177.1520	PASS
Extractable fraction in n-hexane at 50°C	Food and Drug Administration (FDA) Regulations 21 CFR 177.1520	PASS
Soluble fraction in xylene at 25°C	Food and Drug Administration (FDA) Regulations 21 CFR 177.1520	PASS
Lead(Pb) content	California Proposition 65	PASS
Cadmium(Cd) content	California Proposition 65	PASS
Phthalates(DBP, BBP, DEHP, DINP, DIDP, DnHP) content	California Proposition 65	PASS
Bisphenol A (BPA) content	Selected test(s) as requested by client	See Result(s)

Authorized signature:



Lab Manager: Gavin Zhou



Mar. 30, 2023

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Test Result(s):
Test Sample Description:

Sample No.	Client Claimed Material	Sample Description
<u>01</u>	Co-PP	Blue plastic bowl substrate material
<u>02</u>	Co-PP	Purple plastic bowl substrate material
<u>03</u>	Co-PP	Black plastic bowl substrate material
<u>04</u>	Co-PP	Orange plastic bowl substrate material
<u>05</u>	/	Blue plastic bowl substrate material + Purple plastic bowl substrate material
<u>06</u>	/	Black plastic bowl substrate material + Orange plastic bowl substrate material
<u>07</u>	/	Multi-color coating (surface of bowl)

1. Test Results for Homo-polypropylene
Test Method: US FDA 21 CFR 177.1520

Test Items	Unit	Limit	Result(s)	Conclusion(s)
			<u>01</u>	
1. Density at 23°C	g / cm ³	0.850 – 1.000	0.908	PASS
2. Extractable fraction in n-hexane at 50°C	W/W %	< 5.5 ^{#1}	2.2	PASS
		< 2.6 ^{#2}		
3. Soluble fraction in xylene at 25°C	w/w %	< 30	2.3	PASS

Test Items	Unit	Limit	Result(s)	Conclusion(s)
			<u>02</u>	
1. Density at 23°C	g / cm ³	0.850 – 1.000	0.908	PASS
2. Extractable fraction in n-hexane at 50°C	W/W %	< 5.5 ^{#1}	2.2	PASS
		< 2.6 ^{#2}		
3. Soluble fraction in xylene at 25°C	w/w %	< 30	3.5	PASS

Test Items	Unit	Limit	Result(s)	Conclusion(s)
			<u>03</u>	
1. Density at 23°C	g / cm ³	0.850 – 1.000	0.906	PASS
2. Extractable fraction in n-hexane at 50°C	W/W %	< 5.5 ^{#1}	2.0	PASS
		< 2.6 ^{#2}		

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<u>Test Items</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
			<u>03</u>	
3. Soluble fraction in xylene at 25°C	w/w %	< 30	2.6	PASS

<u>Test Items</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
			<u>04</u>	
1. Density at 23°C	g / cm ³	0.850 – 1.000	0.906	PASS
2. Extractable fraction in n-hexane at 50°C	W/W %	< 5.5 ^{#1} < 2.6 ^{#2}	2.3	PASS
3. Soluble fraction in xylene at 25°C	w/w %	< 30	2.1	PASS

- Note:**
1. “<” = less than;
 2. “#1” = Contact with food;
 3. “#2” = Packing or holding food during cooking.

2. Lead(Pb) content

Test Method: For Coating: CPSC-CH-E1003-09.1

For Non-Metal: CPSC-CH-E1002-08.3

<u>Material No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
<u>05</u>	mg/kg	10	90	N.D.	PASS
<u>06</u>	mg/kg	10	100	N.D.	PASS
<u>07</u>	mg/kg	10	100	N.D.	PASS

- Note:**
1. 1000mg/kg = 0.1%;
 2. MDL = Method Detection Limit;
 3. N.D. = Not Detected (<MDL);
 4. “*” = The Limited value is based on listed chemical under California Proposition 65;
 5. For sample(s) 05 and 06, composite test has been performed as per client’s request and the test result is the overall result.

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3. Cadmium(Cd) content

Test Method: For Coating: With reference to CPSC-CH-E1003-09.1

For Non-Metal: With reference to CPSC-CH-E1002-08.3

<u>Material No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit*</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
<u>05</u>	mg/kg	2	300	N.D.	PASS
<u>06</u>	mg/kg	2	300	N.D.	PASS
<u>07</u>	mg/kg	2	300	N.D.	PASS

- Note:**
- 1000mg/kg = 0.1%;
 - MDL = Method Detection Limit;
 - N.D. = Not Detected (<MDL);
 - ** = The Limited value is based on listed chemical under California Proposition 65;
 - For sample(s) 05 and 06, composite test has been performed as per client's request and the test result is the overall result.

4. Phthalates content

Test Method: CPSC-CH-C1001-09.4

<u>Item No.</u>	<u>Test Items</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit*</u>	<u>Result(s)</u>	
						<u>05</u>	<u>06</u>
1	Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
4	Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.010	0.1	N.D.	N.D.
5	Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.010	0.1	N.D.	N.D.
6	Di-n-hexyl phthalate (DHEXP/DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
<u>Conclusion(s)</u>						PASS	PASS

<u>Item No.</u>	<u>Test Items</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit*</u>	<u>Result(s)</u>
						<u>07</u>
1	Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	0.1	N.D.
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	N.D.
4	Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.010	0.1	N.D.
5	Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.010	0.1	N.D.

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<u>Item No.</u>	<u>Test Items</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit*</u>	<u>Result(s)</u>
6	Di-n-hexyl phthalate (DHEXP/DnHP)	84-75-3	%	0.005	0.1	N.D.
Conclusion(s)						PASS

- Note:**
1. % = Percentage by weight;
 2. 0.1% = 1000mg/kg;
 3. MDL = Method Detection Limit;
 4. N.D. = Not Detected (<MDL);
 5. "*" = The Limited value is based on listed chemical under California Proposition 65;
 6. For sample(s) 05 and 06, composite test has been performed as per client's request and the test result is the overall result.

5. Bisphenol A (BPA) content

Test Method: Solvent extraction, analysis was performed by GC-MS
 Ref. Std.: US EPA 3550C:2007, US EPA 8270E:2018

<u>Material No.</u>	<u>Unit</u>	<u>Limit*</u>	<u>MDL</u>	<u>Result(s)</u>
<u>01</u>	mg/kg	Absent	0.1	N.D.
<u>02</u>	mg/kg	Absent	0.1	N.D.
<u>03</u>	mg/kg	Absent	0.1	N.D.
<u>04</u>	mg/kg	Absent	0.1	N.D.
<u>07</u>	mg/kg	Absent	0.1	N.D.
Conclusion(s)				PASS

- Note:**
1. 1000mg/kg = 0.1%;
 2. MDL = Method Detection Limit;
 3. N.D. = Not Detected (<MDL);
 4. "*" = According to client's requirement.

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Sample Photo(s):



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End of Report

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