

# Test Report

No.: 68.431.22.3877.01R1

Date: 2022-10-26



Greater China

**Applicant:** Spector & CO  
**Address:** /  
**Product Name:** Rubberized ABS round wireless charging dock  
**End Use:** WRITING INSTRUMENT  
**Item No.:** T1038, T1044  
**Style No.:** OPHELIA  
**Order No.:** TECHNOLOGY  
**Supplier:** USC056  
**Country of Origin:** CHINA  
**Country of Destination:** CANADA & U.S.A.  
**Receipt Date of Sample:** 2022-08-23, 2022-09-19, 2022-10-19  
**Date of Testing:** From 2022-08-30 to 2022-10-25  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

Test Item	Conclusion
1. US California Proposition 65 - Total Cadmium Content Test - Paint and Similar Surface-Coating Materials	Pass*
2. US California Proposition 65 - Total Cadmium Content Test - Substrate Materials	Pass*
3. US California Proposition 65 - Total lead Content Test - Paint and Similar Surface-Coating Materials	Pass*
4. US California Proposition 65 - Total Lead Content Test - Substrate Materials	Pass*
5. Phthalates Content (11P)	Pass*
6. Tungsten Content Test	Report As Is
7. Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Mercury Content Test	Pass
8. Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Lead Content Test	Pass
9. Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test	Pass
10. Total Nickel Content Test	Report As Is
11. U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P)	Pass
12. US California Proposition 65 - Phthalates Content (6P)	Pass*
13. United States Toxics in Packaging Clearinghouse (TPCH)- PFCs Test	Pass

Remarks: 1. MDL = Method Detection Limit  
2. N.D. = Not Detected (<MDL)  
3. ≤ Less than  
4. 1 mg/kg = 1 ppm = 0.0001%  
5. NA=Not Applicable

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
Testing Center

Prepared by:

Authorized by:



**Jojo Zhao**  
Project Coordinator

**Eva Liang**  
Project Manager

## Note:

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- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
  - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
  - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.
- (5) The test item and sample were specified by the client.
- (6) """" denotes the conclusion was drawn according to the client's specification.
- (7) This report supersedes previous report 68.431.22.3877.01 issued on 2022-10-25. As per client's request, add one more Item No. on page 1.

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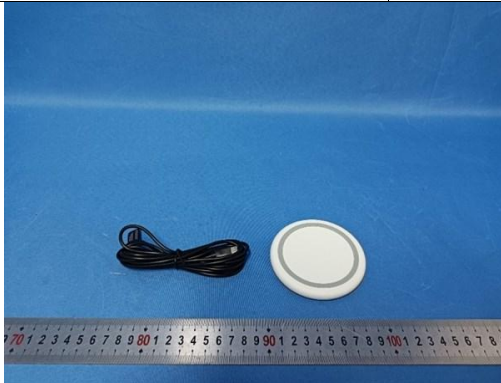



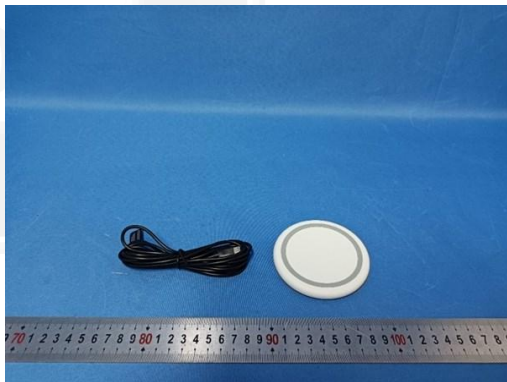
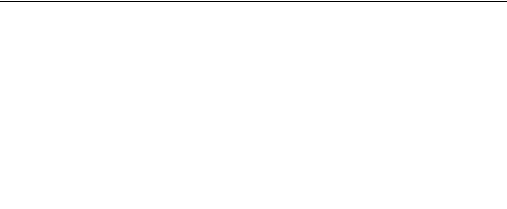
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Description of Tested Subject:

Sample	Description	Photo
Whole product		
		
001	Clear / off-white / black / silvery coating (Wireless charging dock-white style)	
002	Dull white plastic (Wireless charging dock-white style)	
003	Grey soft plastic w/ adhesive backing (Ring, point of base)	
004	Black soft plastic (Wire jacket of USB cable)	
005	Black soft plastic (Plug of USB cable)	
006	Clear laminated orange / black printed white paper label (Sticker)	
007	Silvery metal (Shell of big plug interface)	
008	Dull white plastic (Inner big plug interface)	
009	Silvery metal (Shell of small plug interface)	

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<p>010</p>	<p>Matt-black plastic (Inner small plug interface)</p>	
<p>011</p>	<p>Clear / black / grey / silvery coating (Wireless charging dock-black style)</p>	
<p>012</p>	<p>Black soft plastic w/ adhesive backing (Ring, point of base)</p>	
<p>013</p>	<p>Clear / blue / dark grey / silvery coating (Wireless charging dock-blue style)</p>	
<p>014</p>	<p>Clear / pearl grey / silvery coating (Wireless charging dock-dull grey style)</p>	

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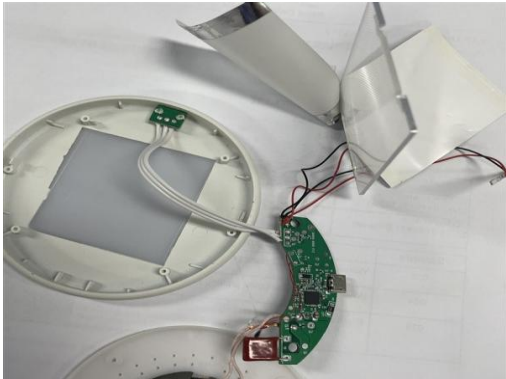
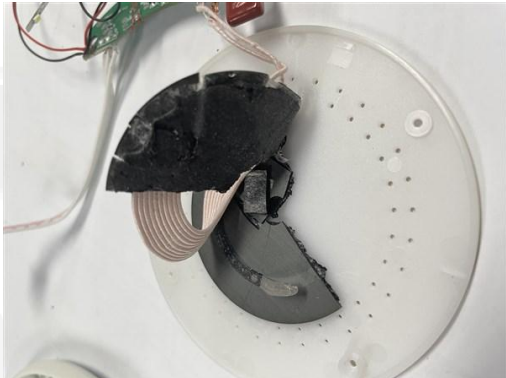
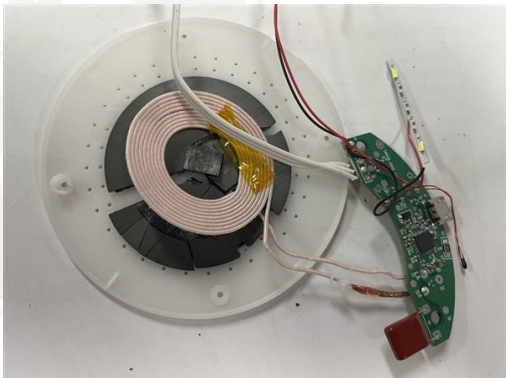
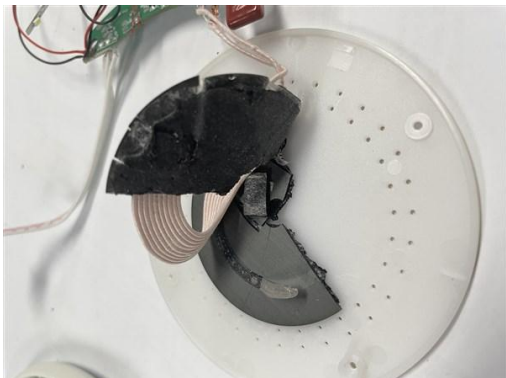
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015	Black / white plastic w/ adhesive backing (Sheet of sensor)	
016	Off-white / silvery plastic w/ glue (Sheet of sensor)	
017	White coated transparent plastic (Sheet of sensor)	
018	Black foam w/ adhesive backing (Fastener sheet)	
019	Transparent yellow adhesive plastic tape (Adhesive tape)	
020	Pink thread (Wire jacket)	
021	Transparent seal glue (Ring)	

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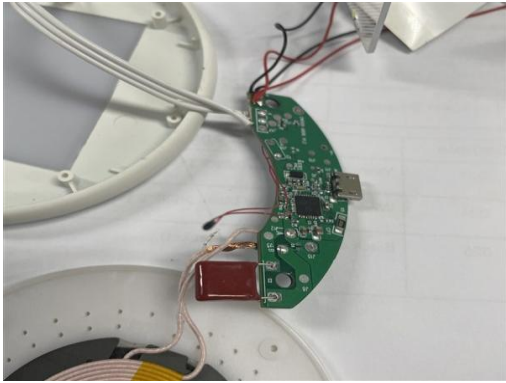
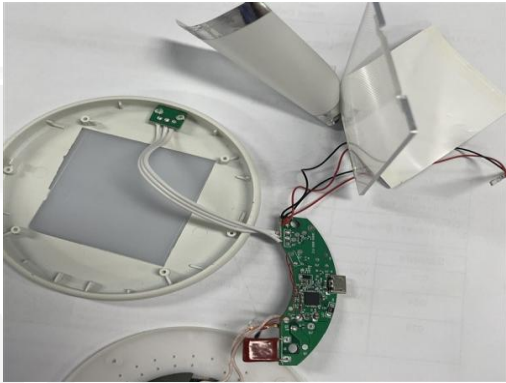
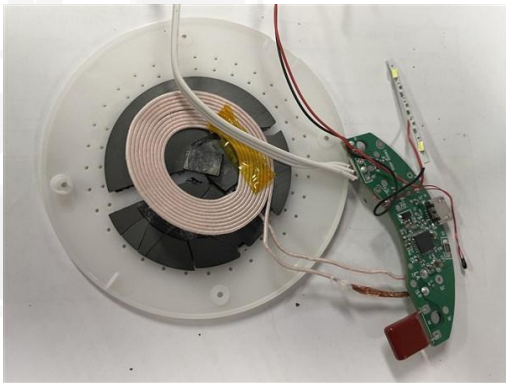
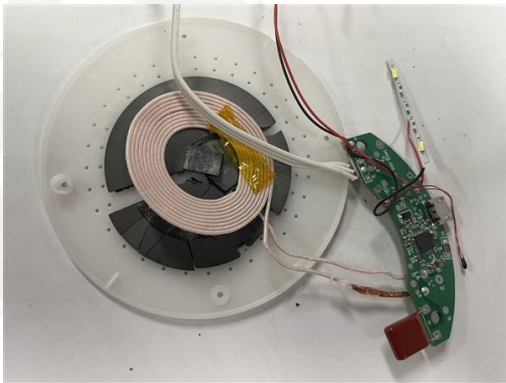

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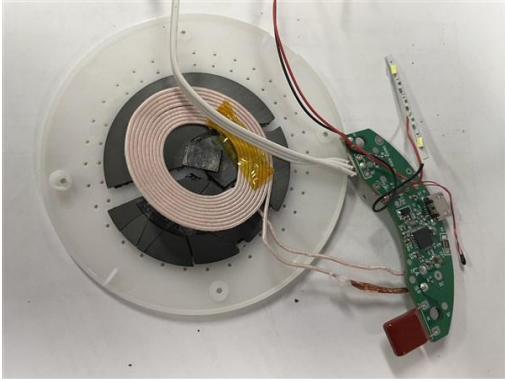



022	White / green printed beige PCB w/ white printed black materials w/ light brown materials (PCB)	
023	Black soft plastic (Wire jacket)	
024	Red soft plastic (Wire jacket)	
025	Pink printed white soft plastic (Wire jacket)	
026	White printed light brown PCB w/ yellow / white plastic (LED)	
027	Off-white soft plastic (Wire jacket of USB)	
028	Grey soft plastic (Wire jacket of USB)	
029	Translucent plastic (Inner big plug interface)	

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<p>030</p>	<p>Red coating (Wire surface)</p>	
<p>031</p>	<p>Dull white plastic w/ clear / off-white / black / silvery coating (Wireless charging dock-white style)</p>	
<p>032</p>	<p>Dull white plastic w/ clear / black / grey / silvery coating (Wireless charging dock-black style)</p>	
<p>033</p>	<p>Dull white plastic w/ clear / blue / dark grey / silvery coating (Wireless charging dock-blue style)</p>	

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034	Dull white plastic w/ clear / pearl grey / silvery coating (Wireless charging dock-dull grey style)	
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T. No	Sample	Description
T1	001	Clear / off-white / black / silvery coating (Wireless charging dock-white style)
T2	002	Dull white plastic (Wireless charging dock-white style)
T3	003	Grey soft plastic w/ adhesive backing (Ring, point of base)
T4	004	Black soft plastic (Wire jacket of USB cable)
T5	005	Black soft plastic (Plug of USB cable)
T6	006	Clear laminated orange / black printed white paper label (Sticker)
T7	007	Silvery metal (Shell of big plug interface)
T8	008	Dull white plastic (Inner big plug interface)
T9	009	Silvery metal (Shell of small plug interface)
T10	010	Matt-black plastic (Inner small plug interface)
T11	011	Clear / black / grey / silvery coating (Wireless charging dock-black style)
T12	012	Black soft plastic w/ adhesive backing (Ring, point of base)
T13	013	Clear / blue / dark grey / silvery coating (Wireless charging dock-blue style)
T14	014	Clear / pearl grey / silvery coating (Wireless charging dock-dull grey style)
T15	022	White / green printed beige PCB w/ white printed black materials w/ light brown materials (PCB)
T16	023	Black soft plastic (Wire jacket)
T17	024	Red soft plastic (Wire jacket)
T18	026	White printed light brown PCB w/ yellow / white plastic (LED)
T19	028	Grey soft plastic (Wire jacket of USB)
T20	031	Dull white plastic w/ clear / off-white / black / silvery coating (Wireless charging dock-white style)
T21	032	Dull white plastic w/ clear / black / grey / silvery coating (Wireless charging dock-black style)
T22	034	Dull white plastic w/ clear / pearl grey / silvery coating (Wireless charging dock-dull grey style)

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**Test Result(s):**

**1. US California Proposition 65 - Total Cadmium Content Test - Paint and Similar Surface-Coating Materials**

Test with reference to microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
001	mg/kg	10	75	N.D.	Pass
011	mg/kg	10	75	N.D.	Pass
013	mg/kg	10	75	N.D.	Pass
014	mg/kg	10	75	N.D.	Pass

**2. US California Proposition 65 - Total Cadmium Content Test - Substrate Materials**

Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
002+008+010	mg/kg	10	75	N.D.	Pass
003+012	mg/kg	10	75	N.D.	Pass
004+005+006	mg/kg	10	75	N.D.	Pass
007	mg/kg	10	75	N.D.	Pass
009	mg/kg	10	75	N.D.	Pass

**3. US California Proposition 65 - Total Lead Content Test - Paint and Similar Surface-Coating Materials**

Test with reference to microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
001	mg/kg	10	90	N.D.	Pass
011	mg/kg	10	90	N.D.	Pass
013	mg/kg	10	90	N.D.	Pass
014	mg/kg	10	90	N.D.	Pass

**4. US California Proposition 65 - Total Lead Content Test - Substrate Materials**

Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
002+008+010	mg/kg	10	100	N.D.	Pass
003+012	mg/kg	10	100	N.D.	Pass
004+005+006	mg/kg	10	100	N.D.	Pass
007	mg/kg	10	100	N.D.	Pass
009	mg/kg	10	100	N.D.	Pass

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## 5. Phthalates Content (11P)

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					001	002+008+010
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	0.024	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					003+012	004+005+006
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	0.014
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.

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Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					011	013
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)
					014
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.

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Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.
<b>Conclusion</b>					<b>Pass</b>

## 6. Tungsten Content Test

Test with reference to acid digestion and determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test items	Unit	MDL	Limit	Result(s)
				007
Tungsten(W)	mg/kg	10.0	-	N.D.
<b>Conclusion</b>				<b>Report As Is</b>

## 7. Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Mercury Content Test

Test with reference to microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
001	mg/kg	10	10.0	N.D.	Pass
011	mg/kg	10	10.0	N.D.	Pass
013	mg/kg	10	10.0	N.D.	Pass
014	mg/kg	10	10.0	N.D.	Pass

## 8. Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Lead Content Test

Test with reference to microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
001	mg/kg	10	90	N.D.	Pass
011	mg/kg	10	90	N.D.	Pass
013	mg/kg	10	90	N.D.	Pass
014	mg/kg	10	90	N.D.	Pass

## 9. Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test

Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
001	mg/kg	10	90	N.D.	Pass

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002+008+010	mg/kg	10	90	N.D.	Pass
003+012	mg/kg	10	90	N.D.	Pass
004+005+006	mg/kg	10	90	N.D.	Pass
007	mg/kg	10	90	N.D.	Pass
009	mg/kg	10	90	N.D.	Pass
011	mg/kg	10	90	N.D.	Pass
013	mg/kg	10	90	N.D.	Pass
014	mg/kg	10	90	N.D.	Pass

## 10. Total Nickel Content Test

Test with reference to acid digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
007	mg/kg	5	-	12440.945	Report As Is
009	mg/kg	5	-	12976.721	Report As Is

## 11. U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P)

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001	002+008+010
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	0.024	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					003+012	004+005+006
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.

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Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	0.014
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					011	013
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					014
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.

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Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.
<b>Conclusion</b>					<b>Pass</b>

## 12. US California Proposition 65 - Phthalates Content (6P)

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					001	002+008+010
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	0.024	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					003+012	004+005+006
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	0.014
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					011	013
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.

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Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.	N.D.
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)
					014
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	%	0.005	0.1	N.D.
<b>Conclusion</b>					<b>Pass</b>

### 13. United States Toxics in Packaging Clearinghouse (TPCH)- PFCs Test

Test with reference to in- house method, determination by LC-MS/LC-MC-MS.

Compound	CAS No.	Unit	MDL	Limit	Result
					004
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonyl fluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND

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Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulphonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					022
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonyl fluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulphonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					023
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND

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6:2)					
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonyl fluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					024
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonyl fluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium	56773-42-3	mg/kg	0.025	<0.025	ND

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Compound	CAS No.	Unit	MDL	Limit	Result
salt(PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*					
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					026
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H <sub>4</sub> PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonyl fluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH <sub>4</sub> )*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH) <sub>2</sub> )*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					028
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H <sub>4</sub> PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND

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Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					031
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctanesulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
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					032
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND
Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C2H5)4)*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Compound	CAS No.	Unit	MDL	Limit	Result
					034
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	mg/kg	0.025	<0.025	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.025	<0.025	ND
Ammonium Pentadecafluorooctanoate (APFO)*	3825-26-1	mg/kg	0.025	<0.025	ND
Sodium perfluorooctanoate(Na-PFO)*	335-95-5	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanoate(K-PFO)*	2395-00-8	mg/kg	0.025	<0.025	ND
Silver perfluorooctanoate(Ag-PFO)*	335-93-3	mg/kg	0.025	<0.025	ND
Perfluorooctanoyl fluoride(F-PFO)*	335-66-0	mg/kg	0.025	<0.025	ND
Perfluorooctansulfonate (PFOS)	1763-23-1	mg/kg	0.025	<0.025	ND
Perfluorooctane sulphonamide(PFOSA)	754-91-6	mg/kg	0.025	<0.025	ND
perfluoro-1-octanesulfonylfluoride (POSF/PFOSF)*	307-35-7	mg/kg	0.025	<0.025	ND
Potassium perfluorooctanesulphonate(PFOS-K)*	2795-39-3	mg/kg	0.025	<0.025	ND
Ammonium perfluorooctanesulfonate(PFOS-NH4)*	29081-56-9	mg/kg	0.025	<0.025	ND
Didecyl(dimethyl)azanium;1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate(PFOS-DDA)*	251099-16-8	mg/kg	0.025	<0.025	ND
Perfluoro-1-octanesulfonic acid, diethanolamine salt(PFOS-NH(OH)2)*	70225-14-8	mg/kg	0.025	<0.025	ND

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Lithium perfluorooctylsulfonate(PFOS-Li)*	29457-72-5	mg/kg	0.025	<0.025	ND
Heptadecafluorooctanesulfonic acid tetraethylammonium salt(PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*	56773-42-3	mg/kg	0.025	<0.025	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.5	<0.5	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.5	<0.5	ND
Sodium Perfluoro-1-octanesulfonate(PFOS-Na)*	4021-47-0	mg/kg	0.025	<0.025	ND
<b>Conclusion</b>					<b>Pass</b>

Note: \* The test result is based on the calculation of selected marker(s) and to the worst-case scenario.

-End of Test Report-



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