

# Test Report

No.: 68.431.23.1622.01

Date: 2023-03-24



Greater China

**Applicant:** Spector & Co  
**Product Name:** WHEAT HUSK WIRELESS SPEAKER/LED LIGH  
**Product Type / End use:** Technology  
**Item No.:** EC148  
**Style No.:** WHEAT RECYCLED  
**Supplier:** USC056  
**Country of Origin:** CHINA  
**Country of Destination:** CANADA & U.S.A.  
**Receipt Date of Sample:** 2023-03-16  
**Date of Testing:** From 2023-03-20 to 2023-03-24  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

## Test Item

Test Item	Conclusion
1. US California Proposition 65 - Total Cadmium Content Test - Substrate Materials	Pass*
2. US California Proposition 65 - Total Lead Content Test - Substrate Materials	Pass*
3. Phthalates Content (11P)	Pass*
4. Tungsten Content Test	Report As Is
5. Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test	Pass
6. Total Nickel Content Test	Report As Is
7. U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P)	Pass
8. US California Proposition 65 - Phthalates Content (6P)	Pass*
9. Canadian Products Containing Mercury Regulations SOR/2014-254 - Total Mercury Content 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:



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Project Manager

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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.

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Description of Tested Subject:

Sample	Description	Photo
A	Whole product	
001	Cream color plastic w/ multi-color dot decorate (Main body)	
002	Translucent grey plastic (On body)	

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Sample	Description	Photo
003	Matt-black soft plastic w/ yellow printing (Protective case)	
004	Grey soft plastic w/ green printing (Protective case)	
005	Black soft plastic (Big & small plug)	
006	Silver color metal (Big metal house)	
007	White plastic (In big metal house)	
008	Silver color metal (Small metal hose)	
009	Pale black plastic (In small metal house)	
010	Pale black soft plastic (Cable)	

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Sample	Description	Photo
011	Clear laminated white plastic w/ black/ light orange printing (Warning label)	

T. No	Sample	Description
T1	001	Cream color plastic w/ multi-color dot decorate (Main body)
T2	002	Translucent grey plastic (On body)
T3	003	Matt-black soft plastic w/ yellow printing (Protective case)
T4	004	Grey soft plastic w/ green printing (Protective case)
T5	005	Black soft plastic (Big & small plug)
T6	006	Silver color metal (Big metal house)
T7	007	White plastic (In big metal house)
T8	008	Silver color metal (Small metal hose)
T9	009	Pale black plastic (In small metal house)
T10	010	Pale black soft plastic (Cable)
T11	011	Clear laminated white plastic w/ black/ light orange printing (Warning label)

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## Test Result(s):

## 1. 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
001+002+007	mg/kg	10	75	N.D.	Pass
003+004	mg/kg	10	75	N.D.	Pass
005+010	mg/kg	10	75	N.D.	Pass
009+011	mg/kg	10	75	N.D.	Pass

## 2. 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
001+002+007	mg/kg	10	100	N.D.	Pass
003+004	mg/kg	10	100	N.D.	Pass
005+010	mg/kg	10	100	N.D.	Pass
006	mg/kg	10	100	N.D.	Pass
008	mg/kg	10	100	N.D.	Pass
009+011	mg/kg	10	100	N.D.	Pass

## 3. 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+007	003+004
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,	26761-40-0 ,	%	0.005	0.1	N.D.	N.D.

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(DIDP)	68515-49-1					
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)	
					005+010	009+011
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>

## 4. Tungsten Content Test

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

Test items	Unit	MDL	Maximum Permissible Limit	Result(s)
				006
Tungsten(W)	mg/kg	10.0	-	N.D.
<b>Conclusion</b>				<b>Report As Is</b>

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**5. 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+002+007	mg/kg	10	90	N.D.	Pass
003+004	mg/kg	10	90	N.D.	Pass
005+010	mg/kg	10	90	N.D.	Pass
006	mg/kg	10	90	N.D.	Pass
008	mg/kg	10	90	N.D.	Pass
009+011	mg/kg	10	90	N.D.	Pass

**6. Total Nickel Content Test**

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

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
006	mg/kg	5	-	16389.578	Report As Is
008	mg/kg	5	-	22123.457	Report As Is

**7. 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+007	003+004
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>

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					005+010	009+011
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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.	N.D.
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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>

## 8. 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+007	003+004
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	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)	
					005+010	009+011
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	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-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>

**9. Canadian Products Containing Mercury Regulations SOR/2014-254 - Total Mercury Content Test**  
 Test with reference to EN 62321-4:2014+A1:2017, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
<b>001+002+007</b>	mg/kg	10	1000	N.D.	<b>Pass</b>
<b>003+004</b>	mg/kg	10	1000	N.D.	<b>Pass</b>
<b>005+010</b>	mg/kg	10	1000	N.D.	<b>Pass</b>
<b>006</b>	mg/kg	10	1000	N.D.	<b>Pass</b>
<b>008</b>	mg/kg	10	1000	N.D.	<b>Pass</b>
<b>009+011</b>	mg/kg	10	1000	N.D.	<b>Pass</b>

-End of Test Report-

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