



# Test Report

Report No.: PTC-HX-04161101902ENC

Date: Nov. 30, 2016

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Applicant:

Address:

The following merchandise was (were) submitted and identified by client as:

**Sample Name:** Wireless sport earbuds

**Sample Model:** P326.23X

**Sample Received Date:** Nov. 25, 2016

**Completed Date:** Nov. 30, 2016

**Test Requested and Conclusion(s):**

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	Category 2 in AfPS GS 2014:01 PAK," Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the recognition of the GS mark".	PASS

**Test Result(s):** Please refer to next page(s).

Signed for and on Behalf of PTC



Havin Zhou / P & C Department Manager

DongGuan Precise Testing and Certification Corp. Ltd.

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## Test Result(s):

Polycyclic Aromatic Hydrocarbon (PAHs)

Method: AfPS GS 2014:01 PAK, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Test Substance	CAS No.	Limit (mg/kg)					Result (mg/kg)	
		Category 1	Category 2		Category 3			
			Toys in the 2009/48/EC scope	Other s	Toys in the 2009/48/EC scope	Other s	1+5	6+7
(1) Naphthalene(NAP)	91-20-3	< 1	<2		<10		N.D.	N.D.
(2) Acenaphthylene(ANY)	208-96-8	--	--	--	--	--	N.D.	N.D.
(3) Acenaphthene(ANA)	83-32-9	--	--	--	--	--	N.D.	N.D.
(4) Fluorene(FLU)	86-73-7	--	--	--	--	--	N.D.	N.D.
(5) Phenanthrene(PHE)	85-01-8	--	--	--	--	--	N.D.	N.D.
(6) Anthracene(ANT)	120-12-7	--	--	--	--	--	N.D.	N.D.
(7) Fluoranthene(FLT)	206-44-0	--	--	--	--	--	N.D.	N.D.
(8) Pyrene(PYR)	129-00-0	--	--	--	--	--	N.D.	N.D.
Sum of (ANY, ANA, FLU, PHE, ANT, FLT, PYR)		<1	<5	<10	<20	<50	N.D.	N.D.
(9) Benz(a)anthracene(BaA)	56-55-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(10) Chrysene(CHR)	218-01-9	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(11) Benzo(b)fluoranthene(BbF)	205-99-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(12) Benzo(k)fluoranthene(BkF)	207-08-9	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(13) Benzo(a)pyrene(BaP)	50-32-8	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(14) Indeno(1,2,3-cd)pyrene(IPY)	193-39-5	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(15) Dibenzo(a,h)anthracene(DBA)	53-70-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(16) Benzo(g,h,i)perylene(BPE)	191-24-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(17) Benzo[e]pyren(BeP)	192-97-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(18) Benzo[j]fluoranthen(BjF)	205-82-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
Sum of 18 PAHs		<1	<5	<10	<20	<50	N.D.	N.D.
Conclusion							PASS	PASS

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Test Substance	CAS No.	Limit (mg/kg)					Result (mg/kg)	
		Category 1	Category 2		Category 3			
			Toys in the 2009/48/EC scope	Other s	Toys in the 2009/48/EC scope	Other s	2+8	3+4
(1) Naphthalene(NAP)	91-20-3	< 1	<2		<10		0.22	N.D.
(2) Acenaphthylene(ANY)	208-96-8	--	--	--	--	--	N.D.	N.D.
(3) Acenaphthene(ANA)	83-32-9	--	--	--	--	--	N.D.	N.D.
(4) Fluorene(FLU)	86-73-7	--	--	--	--	--	N.D.	N.D.
(5) Phenanthrene(PHE)	85-01-8	--	--	--	--	--	N.D.	N.D.
(6) Anthracene(ANT)	120-12-7	--	--	--	--	--	N.D.	N.D.
(7) Fluoranthene(FLT)	206-44-0	--	--	--	--	--	N.D.	N.D.
(8) Pyrene(PYR)	129-00-0	--	--	--	--	--	N.D.	N.D.
Sum of (ANY, ANA, FLU, PHE, ANT, FLT, PYR)		<1	<5	<10	<20	<50	N.D.	N.D.
(9) Benz(a)anthracene(BaA)	56-55-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(10) Chrysene(CHR)	218-01-9	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(11) Benzo(b)fluoranthene(BbF)	205-99-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(12) Benzo(k)fluoranthene(BkF)	207-08-9	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(13) Benzo(a)pyrene(BaP)	50-32-8	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(14) Indeno(1,2,3-cd)pyrene(IPY)	193-39-5	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(15) Dibenzo(a,h)anthracene(DBA)	53-70-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(16) Benzo(g,h,i)perylene(BPE)	191-24-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(17) Benzo[e]pyren(BeP)	192-97-2	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
(18) Benzo[j]fluoranthen(BjF)	205-82-3	<0.2	<0.2	<0.5	<0.5	<1	N.D.	N.D.
Sum of 18 PAHs		<1	<5	<10	<20	<50	0.22	N.D.
Conclusion							PASS	PASS

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- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D = Not Detected (<RL).
  3. RL (Reporting Limit) = 0.2 mg/kg.
  4. "--" = Not Regulated.
  5. Category 1: To be taken materials, which are intended in the mouth, or materials in toys intended and with long-term skin contact (longer than 30 seconds).  
Category 2: Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact).  
Category 3: Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact).

Test Material List		
The following materials apply only to the samples submitted for chemical testing.		
Material No.	Description	Location
1	Black soft plastic	Ear-hook
2	Yellow soft plastic	Ear-hook
3	Bright black plastic	Earphone shell
4	Black plastic	Earphone shell, switch, key
5	Black soft plastic	Earplug
6	Black soft plastic	USB Jack cover
7	Black plastic	Earphone wire cover
8	Yellow plastic	Earphone wire cover

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Photo(s) of Sample:



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\*\*\*End of Report\*\*\*

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