


TEST REPORT

Customer information	Client	
	Address	
Sample information	Name of sample	Bluetooth headset
	Test Model No.	Q2
	Trade mark	----
	Manufacturer	
	Address	
Test information	Sample received	2017-04-18
	Testing date	2017-04-18 to 2017-04-26
	Test Request	Polycyclic Aromatic Hydrocarbons(PAHs) Content - According to AFPS GS 2014:01PAK
	Test Result	Please refer to following page(s)

Tested By: 

Date: 2017/04/26

Checked By: 

Date: 2017/04/26

Approved By:  

Date: 2017/04/26

Polycyclic Aromatic Hydrocarbons (PAHs)

Original report information					
No.1	Black plastic material	No.2	Silver coating	No.3	Black ear cap
No.4	Plastic button	No.5	Black plastic line jacket	--	--

PART NAME:		Black plastic material		
Test Item	CAS No.	Result	MDL	
Benzo[a]pyrene	50-32-8	N.D.	2	
Benzo[e]pyrene	192-97-2	N.D.	2	
Benzo[a]anthracene	56-55-3	N.D.	2	
Benzo[b]fluoranthene	205-99-2	N.D.	2	
Benzo[j]fluoranthene	205-82-3	N.D.	2	
Benzo[k]fluoranthene	207-08-9	N.D.	2	
Chrysene	218-01-9	N.D.	2	
Dibenzo[a,h]anthracene	53-70-3	N.D.	2	
Benzo[ghi]perylene	191-24-2	N.D.	2	
Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	2	
Acenaphthylene	208-96-8	N.D.	2	
Acenaphthene	83-32-9	N.D.	2	
Fluorene	86-73-7	N.D.	2	

Phenanthrene	85-01-8	N.D.	2
Pyrene	129-00-0	N.D.	2
Anthracene	83-32-9	N.D.	2
Fluoranthene	206-44-0	N.D.	2
Sum of 7 PAHs (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene)	--	N.D.	--
Naphthalene	91-20-3	N.D.	2
Sum of 18 PAHs	--	N.D.	--
Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL)			

PART NAME:		Silver coating	
Test Item	CAS No.	Result	MDL
Benzo[a]pyrene	50-32-8	N.D.	2
Benzo[e]pyrene	192-97-2	N.D.	2
Benzo[a]anthracene	56-55-3	N.D.	2
Benzo[b]fluoranthene	205-99-2	N.D.	2
Benzo[j]fluoranthene	205-82-3	N.D.	2
Benzo[k]fluoranthene	207-08-9	N.D.	2

Chrysene	218-01-9	N.D.	2
Dibenzo[a,h]anthracene	53-70-3	N.D.	2
Benzo[ghi]perylene	191-24-2	N.D.	2
Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	2
Acenaphthylene	208-96-8	N.D.	2
Acenaphthene	83-32-9	N.D.	2
Fluorene	86-73-7	N.D.	2
Phenanthrene	85-01-8	N.D.	2
Pyrene	129-00-0	N.D.	2
Anthracene	83-32-9	N.D.	2
Fluoranthene	206-44-0	N.D.	2
Sum of 7 PAHs (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene)	--	N.D.	--
Naphthalene	91-20-3	N.D.	2
Sum of 18 PAHs	--	N.D.	--

Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL)

PART NAME:		Black ear cap	
Test Item	CAS No.	Result	MDL
Benzo[a]pyrene	50-32-8	N.D.	2
Benzo[e]pyrene	192-97-2	N.D.	2
Benzo[a]anthracene	56-55-3	N.D.	2
Benzo[b]fluoranthene	205-99-2	N.D.	2
Benzo[j]fluoranthene	205-82-3	N.D.	2
Benzo[k]fluoranthene	207-08-9	N.D.	2
Chrysene	218-01-9	N.D.	2
Dibenzo[a,h]anthracene	53-70-3	N.D.	2
Benzo[ghi]perylene	191-24-2	N.D.	2
Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	2
Acenaphthylene	208-96-8	N.D.	2
Acenaphthene	83-32-9	N.D.	2
Fluorene	86-73-7	N.D.	2
Phenanthrene	85-01-8	N.D.	2
Pyrene	129-00-0	N.D.	2
Anthracene	83-32-9	N.D.	2
Fluoranthene	206-44-0	N.D.	2

Sum of 7 PAHs (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene)	--	N.D.	--
Naphthalene	91-20-3	N.D.	2
Sum of 18 PAHs	--	N.D.	--
Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL)			

PART NAME:		Plastic button	
Test Item	CAS No.	Result	MDL
Benzo[a]pyrene	50-32-8	N.D.	2
Benzo[e]pyrene	192-97-2	N.D.	2
Benzo[a]anthracene	56-55-3	N.D.	2
Benzo[b]fluoranthene	205-99-2	N.D.	2
Benzo[j]fluoranthene	205-82-3	N.D.	2
Benzo[k]fluoranthene	207-08-9	N.D.	2
Chrysene	218-01-9	N.D.	2
Dibenzo[a,h]anthracene	53-70-3	N.D.	2
Benzo[ghi]perylene	191-24-2	N.D.	2
Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	2

Acenaphthylene	208-96-8	N.D.	2
Acenaphthene	83-32-9	N.D.	2
Fluorene	86-73-7	N.D.	2
Phenanthrene	85-01-8	N.D.	2
Pyrene	129-00-0	N.D.	2
Anthracene	83-32-9	N.D.	2
Fluoranthene	206-44-0	N.D.	2
Sum of 7 PAHs (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene)	--	N.D.	--
Naphthalene	91-20-3	N.D.	2
Sum of 18 PAHs	--	N.D.	--
Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL)			

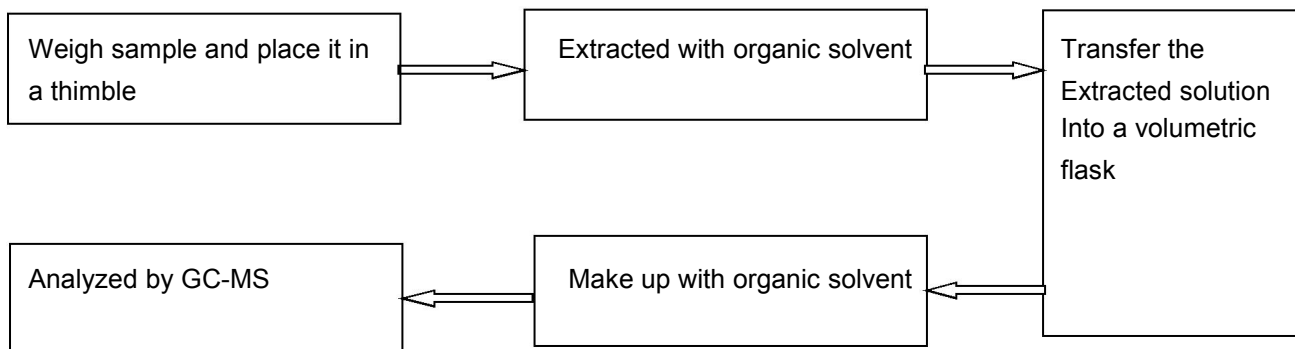
PART NAME:	Black plastic line jacket		
Test Item	CAS No.	Result	MDL
Benzo[a]pyrene	50-32-8	N.D.	2
Benzo[e]pyrene	192-97-2	N.D.	2
Benzo[a]anthracene	56-55-3	N.D.	2

Benzo[b]fluoranthene	205-99-2	N.D.	2
Benzo[j]fluoranthene	205-82-3	N.D.	2
Benzo[k]fluoranthene	207-08-9	N.D.	2
Chrysene	218-01-9	N.D.	2
Dibenzo[a,h]anthracene	53-70-3	N.D.	2
Benzo[ghi]perylene	191-24-2	N.D.	2
Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	2
Acenaphthylene	208-96-8	N.D.	2
Acenaphthene	83-32-9	N.D.	2
Fluorene	86-73-7	N.D.	2
Phenanthrene	85-01-8	N.D.	2
Pyrene	129-00-0	N.D.	2
Anthracene	83-32-9	N.D.	2
Fluoranthene	206-44-0	N.D.	2
Sum of 7 PAHs (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene)	--	N.D.	--
Naphthalene	91-20-3	N.D.	2
Sum of 18 PAHs	--	N.D.	--

Note: P = Pass, F = Fail, MDL = Method Detection Limit, N.D. = NOT DETECTED(<MDL)

Limit:

Parameter	Category 1	Category 2		Category 3	
	Material in direct contact with food, or materials indented to be put in the mouth and toys for Children aged < 36 months	Material with foreseeable contact Skin for longer than 30 seconds (long-term Skin contact) and toys not covered by Category 1		Material with foreseeable Contact to skin up to 30 Seconds (short term skin contact) or without skin contact	
		2009/48/EC	Other	2009/48/EC	Other
Benzo[a]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[e]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[a]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[k]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo[a,h]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[ghi]perylene	<0.2	<0.2	<0.5	<0.5	<1
Indeno[1,2,3-cd]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Acenaphthylene	sum<1	sum<5	sum<10	sum<20	sum<50
Acenaphthene					
Fluorene					
Phenanthrene					
Pyrene					
Anthracene					
Fluoranthene					
Naphthalene	<1	<2	<2	<10	<10
Sum of 18 PAHs	<1	<5	<10	<20	<50

Test Process for PAHs.

Sample photo**Appearance photograph of EUT**

******* END OF REPORT *******