

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China

Tel: (86)755-82591330

Fax: (86)755-82591332

Internet: [Http://www.LCS-cert.com](http://www.LCS-cert.com)

Report No.: LCS171109038AR

TEST REPORT

Client company :

Client address :

Manufacturer :

Address :

Report on the submitted samples said to be:

Sample Name : Fitness Band

Trade Mark : N/A

Style/ Item No. : DW-007Pro

Sample Receiving Date : November 20, 2017

Testing Period : November 20, 2017 ~ November 29, 2017

Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

CONCLUSION

A The document AfPS GS 2014:01 PAK issued by the central experience exchange office(AfPS) on the PAHs content

PASS

Signed for and on behalf of LCS

Written By: Linda Ning

Linda Ning

Checked by: Suez Su

Suez Su

Approved by: Fung Xiao



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Results:

Tested part(s):

- (1) Black plastic watch band;
- (2) Transparent plastic film;
- (3) Blue plastic watch band;
- (4) Orange plastic watch band;
- (5) Black plastic shell

A、 The document AfPS GS 2014:01 PAK issued by the central experience exchange office(AfPS) on the PAHs content

Test method: With reference to AfPS GS 2014:01 PAK,by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

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Item	CAS No.	Unit	MDL	Results	Limit (See Remark)		
				(1)	Category 1	Category 2	Category 3
Naphthalene (NAP)	91-20-3	mg/kg	0.01	N.D.	<1	< 2	< 10
Acenaphthylene (ANY)	208-96-8	mg/kg	0.01	N.D.	/	/	/
Acenaphthene (ANA)	83-32-9	mg/kg	0.01	0.211	/	/	/
Fluorene (FLU)	86-73-7	mg/kg	0.01	N.D.	/	/	/
Phenanthrene (PHE)	85-01-8	mg/kg	0.01	N.D.	/	/	/
Anthracene (ANT)	120-12-7	mg/kg	0.01	N.D.	/	/	/
Fluoranthene (FLT)	206-44-0	mg/kg	0.01	N.D.	/	/	/
Pyrene (PYR)	129-00-0	mg/kg	0.01	N.D.	/	/	/
ANY+ANA+FLU+PHE+ANT+FLT+PYR					<1	<10	< 50
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Chrysene (CHR)	218-01-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(g,h,i)perylene (BPE)	191-24-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(j)fluoranthene	205-82-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(e)pyrene	192-97-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Total content of PAHs	/	mg/kg	/	0.211	<1	< 10	< 50
Conclusion	/	/	/	pass			

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Item	CAS No.	Unit	MDL	Results	Limit (See Remark)		
				(2)	Category 1	Category 2	Category 3
Naphthalene (NAP)	91-20-3	mg/kg	0.01	1.645	<1	< 2	< 10
Acenaphthylene (ANY)	208-96-8	mg/kg	0.01	N.D.	/	/	/
Acenaphthene (ANA)	83-32-9	mg/kg	0.01	0.269	/	/	/
Fluorene (FLU)	86-73-7	mg/kg	0.01	N.D.	/	/	/
Phenanthrene (PHE)	85-01-8	mg/kg	0.01	N.D.	/	/	/
Anthracene (ANT)	120-12-7	mg/kg	0.01	N.D.	/	/	/
Fluoranthene (FLT)	206-44-0	mg/kg	0.01	N.D.	/	/	/
Pyrene (PYR)	129-00-0	mg/kg	0.01	N.D.	/	/	/
ANY+ANA+FLU+PHE+ANT+FLT+PYR					<1	<10	< 50
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Chrysene (CHR)	218-01-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(g,h,i)perylene (BPE)	191-24-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(j)fluoranthene	205-82-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(e)pyrene	192-97-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Total content of PAHs	/	mg/kg	/	1.914	<1	< 10	< 50
Conclusion	/	/	/	pass			

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Item	CAS No.	Unit	MDL	Results	Limit (See Remark)		
				(3)	Category 1	Category 2	Category 3
Naphthalene (NAP)	91-20-3	mg/kg	0.01	N.D.	<1	< 2	< 10
Acenaphthylene (ANY)	208-96-8	mg/kg	0.01	N.D.	/	/	/
Acenaphthene (ANA)	83-32-9	mg/kg	0.01	N.D.	/	/	/
Fluorene (FLU)	86-73-7	mg/kg	0.01	N.D.	/	/	/
Phenanthrene (PHE)	85-01-8	mg/kg	0.01	0.202	/	/	/
Anthracene (ANT)	120-12-7	mg/kg	0.01	N.D.	/	/	/
Fluoranthene (FLT)	206-44-0	mg/kg	0.01	N.D.	/	/	/
Pyrene (PYR)	129-00-0	mg/kg	0.01	N.D.	/	/	/
ANY+ANA+FLU+PHE+ANT+FLT+PYR					<1	<10	< 50
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Chrysene (CHR)	218-01-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(g,h,i)perylene (BPE)	191-24-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(j)fluoranthene	205-82-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(e)pyrene	192-97-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Total content of PAHs	/	mg/kg	/	0.202	<1	< 10	< 50
Conclusion	/	/	/	pass			

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Item	CAS No.	Unit	MDL	Results	Limit (See Remark)		
				(4)	Category 1	Category 2	Category 3
Naphthalene (NAP)	91-20-3	mg/kg	0.01	N.D.	<1	< 2	< 10
Acenaphthylene (ANY)	208-96-8	mg/kg	0.01	N.D.	/	/	/
Acenaphthene (ANA)	83-32-9	mg/kg	0.01	0.237	/	/	/
Fluorene (FLU)	86-73-7	mg/kg	0.01	N.D.	/	/	/
Phenanthrene (PHE)	85-01-8	mg/kg	0.01	N.D.	/	/	/
Anthracene (ANT)	120-12-7	mg/kg	0.01	N.D.	/	/	/
Fluoranthene (FLT)	206-44-0	mg/kg	0.01	N.D.	/	/	/
Pyrene (PYR)	129-00-0	mg/kg	0.01	N.D.	/	/	/
ANY+ANA+FLU+PHE+ANT+FLT+PYR					<1	<10	< 50
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Chrysene (CHR)	218-01-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(g,h,i)perylene (BPE)	191-24-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(j)fluoranthene	205-82-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(e)pyrene	192-97-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Total content of PAHs	/	mg/kg	/	0.237	<1	< 10	< 50
Conclusion	/	/	/	pass			

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Item	CAS No.	Unit	MDL	Results	Limit (See Remark)		
				(5)	Category 1	Category 2	Category 3
Naphthalene (NAP)	91-20-3	mg/kg	0.01	1.083	<1	< 2	< 10
Acenaphthylene (ANY)	208-96-8	mg/kg	0.01	N.D.	/	/	/
Acenaphthene (ANA)	83-32-9	mg/kg	0.01	N.D.	/	/	/
Fluorene (FLU)	86-73-7	mg/kg	0.01	N.D.	/	/	/
Phenanthrene (PHE)	85-01-8	mg/kg	0.01	0.254	/	/	/
Anthracene (ANT)	120-12-7	mg/kg	0.01	N.D.	/	/	/
Fluoranthene (FLT)	206-44-0	mg/kg	0.01	N.D.	/	/	/
Pyrene (PYR)	129-00-0	mg/kg	0.01	N.D.	/	/	/
ANY+ANA+FLU+PHE+ANT+FLT+PYR					<1	<10	< 50
Benzo(a)anthracene (BaA)	56-55-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Chrysene (CHR)	218-01-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(b)fluoranthene (BbF)	205-99-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(k)fluoranthene (BkF)	207-08-9	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(a)pyrene (BaP)	50-32-8	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Indeno(1,2,3-cd)pyrene (IPY)	193-39-5	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Dibenzo(a,h)anthracene (DBA)	53-70-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(g,h,i)perylene (BPE)	191-24-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(j)fluoranthene	205-82-3	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Benzo(e)pyrene	192-97-2	mg/kg	0.01	N.D.	<0.2	<0.5	<1
Total content of PAHs	/	mg/kg	/	1.337	<1	< 10	< 50
Conclusion	/	/	/	pass			

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Remark:

Category 1: Materials indented to be put in the mouth or materials of toys for children aged < 36 months with intended skin contact²⁾.

Category 2: Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact).

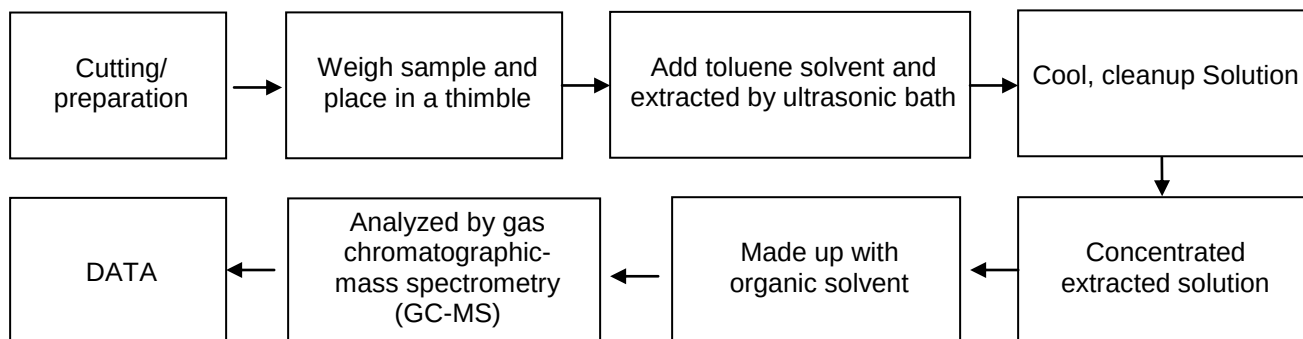
Category 3: Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact).

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
- ¹⁾ If the limits of category 1 are surpassed but the limits of category 2 still met, the confirmation of suitability of contact with foodstuff or the oral mucosa can be verified by an additional specific migration test of the PAH components according to EN 1186, ff. and § 64 LFBG 80.30-1. The results of the migration test shall be evaluated according to law criteria for foodstuff.
- ²⁾ According to the regulations the EK2.
- In the sum of all 18 PAH according to EPA only toes components are take into account, which have been specified in the material over the 0.2mg/kg.
- Flow chart appendix is included.
- Photo appendix is included.

Appendix

Test Flow Chart for PAHs content:



Photograph of Sample



LCS authenticate the photo on original report only

*** End of Report ***