

Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 1 of 14

# **TEST REPORT**

APPLICANT	:	Xindao B.V.
ADDRESS	:	P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands
SAMPLE DESCRIPTION	:	Bobby pro
		Bobby tech
		Bobby duffle
ITEM NO.	:	P705.24
		P705.25
		P705.27
COUNTRY OF ORIGIN	:	China
COUNTRY OF DESTINATION	:	Europe
SAMPLE RECEIVED DATE	:	02-Aug-2019
TURN AROUND TIME	:	02-Aug-2019 to 13-Aug-2019

The following test item(s) was/were performed on selected sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED TEST METHOD/REGULATION						
Phthalates Content	REACH Annex XVII, Entry 51 & 52, (EU) 2018/2005	Pass				
Banned AZO Dyes	REACH Annex XVII, Entry 43	Pass				
SCCP Content	Regulation (EU) 2019/1021	Pass				
Polycyclic Aromatic Hydrocarbons (PAHs)	REACH Annex XVII, Entry 50	Pass				
Polycyclic Aromatic Hydrocarbons (PAHs)	German GS Specification document: AfPS GS 2014:01 PAK (PAK=PAHs)	Pass				
Formaldehyde Content	ISO 14184-1-2011	Pass				

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to <u>info.sh@eurofins.com</u> and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to <u>chinacomplaint@eurofins.com</u> and referring to this report number.



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 2 of 14

Eurofins (Shanghai) contact information Customer service: <u>ElsieWu@eurofins.com</u> / +86 21 36202808 Sales specialist: <u>WandyShen@eurofins.com</u> / +86 18616155723

\*\*\*\*\*\*\*\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*\*\*\*\*\*\*\*

Signed for and on behalf of Eurofins Product Testing Service (Shanghai) Co., Ltd

Comon thang

Lemon Zhang Chemical Lab Supervisor



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 3 of 14

# **SAMPLE PHOTO**



# EFSH19080177-CG-01



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 4 of 14

# **COMPONENT LIST**

Component No.	Component
1	Grey fabric with grey coating (shoulder strap/body)
2	Black fabric with underlying transparent coating (mobile phone
	shell)
3	Black plastic buckle (shoulder strap/mobile phone shell)
4	Black plastic (zipper teeth)
5	Black plastic (socket)
6	Black plastic Velcro hook
7	Grey plastic Velcro hook
8	Black plastic (snap)
9	Grey plastic (zipper teeth)
10	White plastic (tongue)
11	Transparent plastic (mobile phone shell)
12	Black plastic (USB jack)
13	Black artificial leather
14	Black artificial leather (mobile phone shell)
15	Black soft plastic (shoulder strap)
16	Grey soft plastic (shoulder strap)
17	Black soft plastic sheath (wire)
18	Black soft plastic (USB cable head)
19	Black soft plastic band (for bottle)
20	Black soft plastic plug (socket)
21	Black soft plastic (body)
22	Grey soft plastic (body)
23	Black soft plastic (lining)
24	Grey fabric (zipper tape)
25	Black fabric (zipper tape)
26	Black mesh fabric (back/shoulder strap)
27	Black fabric (handle)
28	Black fabric (shoulder strap)
29	Grey fabric (lining)
30	Grey fabric (piping)
31	Black fabric tape
32	Black mesh fabric (pocket)
33	Black fabric (lining)
34	Black fabric tape (back)
35	Grey fabric (clapboard)
36	Dark grey fabric (lining)
37	Black textile of black elastic band



#### **Phthalates Content**

Test Request:Phthalates content as specified in entry 51&52 of annex XVII of REACH Regulation (EC) No<br/>1907/2006 and its amendment Commission Regulation (EU) 2018/2005.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Tested Item(s)	CAS No. Unit Li		Limit	MDL	Result				
					3+4+5	6+7+8	9+10+11	12	
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND	
Benzylbutylphthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND	
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND	
Diisobutylphthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	ND	ND	
Sum (DBP + BBP + DEHP + DIBP)	-	%	0.1	-	ND	ND	ND	ND	
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND	
Diisononylphthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND	
Diisodecylphthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND	
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	ND	ND	

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result		
					13+14	15+16+17	
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	
Benzylbutylphthalate (BBP)	85-68-7	%	-	0.005	ND	ND	
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	
Diisobutylphthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	
Sum (DBP + BBP + DEHP + DIBP)	-	%	0.1	-	ND	ND	
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	
Diisononylphthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	
Diisodecylphthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	

Tested Item(s)	CAS No. Un		Limit	MDL	Result		
					18+19+20	21+22+23	
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	
Benzylbutylphthalate (BBP)	85-68-7	%	-	0.005	ND	ND	
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	
Diisobutylphthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	
Sum (DBP + BBP + DEHP + DIBP)	-	%	0.1	-	ND	ND	
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	
Diisononylphthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	
Diisodecylphthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	

#### Remark:

MDL = method detection limit

ND = Not detected, less than MDL

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

As per client's request, only the appointed materials have been tested.

\*\*\*TO BE CONTINUED\*\*\*

Eurofins Product Testing Service (Shanghai) Co., Ltd No.395 West Jiangchang Road, Jing'an District, Shanghai, China



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 6 of 14

# **TEST RESULT**

#### Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017

Tested Item(s)	CAS No.	Unit	Limit	MDL	Re	sult
					1	27+28+29
4-Aminobiphenyl	92-67-1	mg/kg	30	5	ND	ND
4,4'-Benzidine	92-87-5	mg/kg	30	5	ND	ND
4-Chloro-2-methylaniline	95-69-2	mg/kg	30	5	ND	ND
2-Naphthylamine	91-59-8	mg/kg	30	5	ND	ND
o-Aminoazotoluene (Note 1)	97-56-3	mg/kg	30	5	ND	ND
5-Nitro-o-toluidine (Note 2)	99-55-8	mg/kg	30	5	ND	ND
4-Chloroaniline	106-47-8	mg/kg	30	5	ND	ND
4-Methoxy-1,3-phenylenediamine	615-05-4	mg/kg	30	5	ND	ND
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	30	5	ND	ND
3,3'-Dichlorobenzidine	91-94-1	mg/kg	30	5	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	30	5	ND	ND
3,3'-Dimethylbenzidine	119-93-7	mg/kg	30	5	ND	ND
3,3'-Dimethyl-4,4'- diaminodiphenylmethane	838-88-0	mg/kg	30	5	ND	ND
2-Methoxy-5-methylaniline	120-71-8	mg/kg	30	5	ND	ND
4,4'-Methylene bis(o-chloroaniline)	101-14-4	mg/kg	30	5	ND	ND
4,4'-Oxydianiline	101-80-4	mg/kg	30	5	ND	ND
4,4'-Thiodianiline	139-65-1	mg/kg	30	5	ND	ND
o-Toluidine	95-53-4	mg/kg	30	5	ND	ND
2,4-Diaminotoluene	95-80-7	mg/kg	30	5	ND	ND
2,4,5-Trimethylaniline	137-17-7	mg/kg	30	5	ND	ND
o-Anisidine	90-04-0	mg/kg	30	5	ND	ND
4-Amino-azobenzene (Note 3)	60-09-3	mg/kg	30	5	ND	ND



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 7 of 14

# **TEST RESULT**

#### Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017

Tested Item(s)	CAS No.	Unit	Limit	MDL	Re	sult
					30+31+32	36+37
4-Aminobiphenyl	92-67-1	mg/kg	30	5	ND	ND
4,4'-Benzidine	92-87-5	mg/kg	30	5	ND	ND
4-Chloro-2-methylaniline	95-69-2	mg/kg	30	5	ND	ND
2-Naphthylamine	91-59-8	mg/kg	30	5	ND	ND
o-Aminoazotoluene (Note 1)	97-56-3	mg/kg	30	5	ND	ND
5-Nitro-o-toluidine (Note 2)	99-55-8	mg/kg	30	5	ND	ND
4-Chloroaniline	106-47-8	mg/kg	30	5	ND	ND
4-Methoxy-1,3-phenylenediamine	615-05-4	mg/kg	30	5	ND	ND
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	30	5	ND	ND
3,3'-Dichlorobenzidine	91-94-1	mg/kg	30	5	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	30	5	ND	ND
3,3'-Dimethylbenzidine	119-93-7	mg/kg	30	5	ND	ND
3,3'-Dimethyl-4,4'- diaminodiphenylmethane	838-88-0	mg/kg	30	5	ND	ND
2-Methoxy-5-methylaniline	120-71-8	mg/kg	30	5	ND	ND
4,4'-Methylene bis(o-chloroaniline)	101-14-4	mg/kg	30	5	ND	ND
4,4'-Oxydianiline	101-80-4	mg/kg	30	5	ND	ND
4,4'-Thiodianiline	139-65-1	mg/kg	30	5	ND	ND
o-Toluidine	95-53-4	mg/kg	30	5	ND	ND
2,4-Diaminotoluene	95-80-7	mg/kg	30	5	ND	ND
2,4,5-Trimethylaniline	137-17-7	mg/kg	30	5	ND	ND
o-Anisidine	90-04-0	mg/kg	30	5	ND	ND
4-Amino-azobenzene (Note 3)	60-09-3	mg/kg	30	5	ND	ND



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 8 of 14

### **TEST RESULT**

#### Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN ISO 14362-1:2017

Tested Item(s)	CAS No.	Unit	Limit	imit MDL		Result			
					2	24+25+26	33+34+35		
4-Aminobiphenyl	92-67-1	mg/kg	30	5	ND	ND	ND		
4,4'-Benzidine	92-87-5	mg/kg	30	5	ND	ND	ND		
4-Chloro-2-methylaniline	95-69-2	mg/kg	30	5	ND	ND	ND		
2-Naphthylamine	91-59-8	mg/kg	30	5	ND	ND	ND		
o-Aminoazotoluene (Note 1)	97-56-3	mg/kg	30	5	ND	ND	ND		
5-Nitro-o-toluidine (Note 2)	99-55-8	mg/kg	30	5	ND	ND	ND		
4-Chloroaniline	106-47-8	mg/kg	30	5	ND	ND	ND		
4-Methoxy-1,3-phenylenediamine	615-05-4	mg/kg	30	5	ND	ND	ND		
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	30	5	ND	ND	ND		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	30	5	ND	ND	ND		
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	30	5	ND	ND	ND		
3,3'-Dimethylbenzidine	119-93-7	mg/kg	30	5	ND	ND	ND		
3,3'-Dimethyl-4,4'- diaminodiphenylmethane	838-88-0	mg/kg	30	5	ND	ND	ND		
2-Methoxy-5-methylaniline	120-71-8	mg/kg	30	5	ND	ND	ND		
4,4'-Methylene bis(o-chloroaniline)	101-14-4	mg/kg	30	5	ND	ND	ND		
4,4'-Oxydianiline	101-80-4	mg/kg	30	5	ND	ND	ND		
4,4'-Thiodianiline	139-65-1	mg/kg	30	5	ND	ND	ND		
o-Toluidine	95-53-4	mg/kg	30	5	ND	ND	ND		
2,4-Diaminotoluene	95-80-7	mg/kg	30	5	ND	ND	ND		
2,4,5-Trimethylaniline	137-17-7	mg/kg	30	5	ND	ND	ND		
o-Anisidine	90-04-0	mg/kg	30	5	ND	ND	ND		
4-Amino-azobenzene (Note 3)	60-09-3	mg/kg	30	5	ND	ND	ND		

#### Remark:

mg/kg = milligram per kilogram MDL = method detection limit ND = Not detected, less than MDL

Note 1: o-Aminoazotoluene(CAS No.:97-56-3) is reduced to o-Toluidine(CAS No.:95-53-4) and quantified by this. Note 2: 5-Nitro-o-toluidine(CAS No.:99-55-8) is reduced to 4-Methyl-m-phenylene Diamine (CAS No.:95-80-7) and quantified by this.

Note 3: 4-Amino-azobenzene(CAS No.:60-09-3) is reduced to aniline and 1,4-phenylenediamine. Need further confirmation when aniline and 1,4-phenylenediamine are detected.

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

As per client's request, only the appointed materials have been tested.



#### SCCP Content

 Test Request:
 SCCP content as specified in Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants as regards Annex I Part A.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Tested Item(s)	CAS No.	Unit	Limit	MDL		Result	
					3+4+5	6+7+8	9+10+11
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	%	0.15	0.005	ND	ND	ND

Tested Item(s)	CAS No.	Unit	Limit	MDL		Result	
				-	12	13+14	15+16+17
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	%	0.15	0.005	ND	ND	ND

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result	
					18+19+20	21+22+23
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	%	0.15	0.005	ND	ND

#### Remark:

MDL = method detection limit ND = Not detected, less than MDL

ND - Not detected, less than MDL

By way of derogation, the manufacturing, placing on the market and use of substances or mixtures containing SCCPs in concentrations lower than 1 % by weight or articles containing SCCPs in concentrations lower than 0,15 % by weight shall be allowed.

As per client's request, only the appointed materials have been tested.

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

As per client's request, only the appointed materials have been tested.



#### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request:Polycyclic Aromatic Hydrocarbons (PAHs) content as specified in Regulation (EU) 2015/326<br/>amending entry 50 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2014:01 PAK (PAK=PAHs) requirement.

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result				
					3+4	12	13	14	
For rubber or plastic will direct contact with skin and mouth.									
Benzo(a)anthracene	56-55-3	mg/kg	1	0.2	ND	ND	ND	ND	
Chrysene	218-01-9	mg/kg	1	0.2	ND	ND	ND	ND	
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.2	ND	ND	ND	ND	
Benzo(j)fluoranthene	205-82-3	mg/kg	1	0.2	ND	ND	ND	ND	
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.2	ND	ND	ND	ND	
Benzo(a)pyrene	50-32-8	mg/kg	1	0.2	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1	0.2	ND	ND	ND	ND	
Benzo(e)pyrene	192-97-2	mg/kg	1	0.2	ND	ND	ND	ND	

Tested Item(s)	CAS No. Unit		Limit	MDL	Result			
					15+16	17+18	19+20	21+22
For rubber or plastic will direct contact with skin and mouth.								
Benzo(a)anthracene	56-55-3	mg/kg	1	0.2	ND	ND	ND	ND
Chrysene	218-01-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(a)pyrene	50-32-8	mg/kg	1	0.2	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1	0.2	ND	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	1	0.2	ND	ND	ND	ND

#### Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

As per client's request, only the appointed materials have been tested.



#### Polycyclic Aromatic Hydrocarbons (PAHs)

 Test Request:
 18 Polycyclic Aromatic Hydrocarbons in polymers (PAHs) according to German GS Specification document: AfPS GS 2014:01 PAK (PAK=PAHs)

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2014:01 PAK (PAK=PAHs) requirement

Requirement: AfPS GS 2014:01 PAK (PAK=PAHs) requirement: Limits for PAHs in Toys under Directive 2009/48/EC and Other products under ProdSG, see table 1 on next page(s):

			Result				
Parameter	CAS No.	Unit	3+4	12	13	14	
Benzo(a)pyrene	50-32-8	mg/kg	ND	ND	ND	ND	
Benzo(e)pyrene	192-97-2	mg/kg	ND	ND	ND	ND	
Benzo(a)anthracene	56-55-3	mg/kg	ND	ND	ND	ND	
Benzo(b)fluoranthene	205-99-2	mg/kg	ND	ND	ND	ND	
Benzo(j)fluoranthene	205-82-3	mg/kg	ND	ND	ND	ND	
Benzo(k)fluoranthene	207-08-9	mg/kg	ND	ND	ND	ND	
Chrysene	218-01-9	mg/kg	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND	ND	ND	ND	
Benzo(ghi)perylene	191-24-2	mg/kg	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND	ND	ND	ND	
Sum of Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	mg/kg	ND	ND	ND	0.7	
Naphthalene	91-20-3	mg/kg	ND	ND	ND	0.8	
Sum 18 PAHs	-	mg/kg	ND	ND	ND	1.5	
Conclusion:	For Category 2 (Other products under ProdSG)		Pass	Pass	Pass	Pass	



	CAS No.		Result				
Parameter		Unit	15+16	17+18	19+20	21+22	
Benzo(a)pyrene	50-32-8	mg/kg	ND	ND	ND	ND	
Benzo(e)pyrene	192-97-2	mg/kg	ND	ND	ND	ND	
Benzo(a)anthracene	56-55-3	mg/kg	ND	ND	ND	ND	
Benzo(b)fluoranthene	205-99-2	mg/kg	ND	ND	ND	ND	
Benzo(j)fluoranthene	205-82-3	mg/kg	ND	ND	ND	ND	
Benzo(k)fluoranthene	207-08-9	mg/kg	ND	ND	ND	ND	
Chrysene	218-01-9	mg/kg	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND	ND	ND	ND	
Benzo(ghi)perylene	191-24-2	mg/kg	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND	ND	ND	ND	
Sum of Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	mg/kg	ND	0.4	4.6	ND	
Naphthalene	91-20-3	mg/kg	0.2	0.3	0.4	ND	
Sum 18 PAHs	-	mg/kg	0.2	0.7	5.0	ND	
Conclusion:	For Category 2 (Other products u	nder ProdSG)	Pass	Pass	Pass	Pass	

#### Remark:

mg/kg = milligram per kilogram

ND = not detected, less than 0.2 mg/kg

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

As per client's request, only the appointed materials have been tested.



#### Table 1

AfPS GS 2014:01 PAK (PAK=PAHs) requirement: Limits for PAHs in Toys under Directive 2009/48/EC and Other products under ProdSG.

Parameter Unit		be put in the mouth, or materials of toysor f f intended long term skin s contact (longer than 30s)		ory 2 covered by vith skin contact in 30 g-term skin peated in contact	Category 3 Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)		
		-	Toys under Directive 2009/48/EC	Other products under ProdSG	Toys under Directive 2009/48/EC	Other products under ProdSG	
Benzo(a)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(e)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(a)anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(b)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(j)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(k)fluoranthene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Chrysene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Dibenzo(a,h)anthracene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Benzo(ghi)perylene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.2	<0.2	<0.5	<0.5	<1	
Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	<1 Sum*	<5 Sum*	<10 Sum*	<20 Sum*	<50 Sum*	
Naphthalene	mg/kg	<1	<	2	<10		
Sum* 18 PAHs	mg/kg	<1	<5	<10	<20	<50	

\* = Only those PAH components are taken into account, which have been specified in the material over the 0.2 mg/kg.



Report No. : EFSH19080177-CG-01 Date : 13-Aug-2019 Page : 14 of 14

# TEST RESULT

#### Formaldehyde Content

Test Method:ISO 14184-1:2011, free and hydrolized formaldehyde (water extraction method).Limit:With reference to OEKO-TEX® standard 100-2016, Product Class II.

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result
					1
Formaldehyde	50-00-0	mg/kg	75	16	ND

#### Remark:

mg/kg = milligram per kilogram MDL = method detection limit ND = Not detected, less than MDL As per client's request, only the appointed materials have been tested.

\*\*\*END OF THE REPORT\*\*\*