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TEST REPORT

APPLICANT	:	Xindao B.V.
ADDRESS	:	P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands
SAMPLE DESCRIPTION	:	Ù, ã•ÁÚ^æ\Ási~-{^Ásiæ&\]æ&\
ITEM NO.	:	PÏÏÍÈ€
COUNTRY OF ORIGIN	:	China
COUNTRY OF DESTINATION	:	Europe
SAMPLE RECEIVED DATE	:	11-Oct-2014
FURTHER INFORMATION DATE	:	20-Oct-2014
TURN AROUND TIME	:	20-Oct-2014 to 27-Oct-2014, 6 Working Days

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

TEST REQUESTED	RESULT
- Total Cadmium Content	Pass
- Banned AZO Dyes	Pass
- Based on the document ZEK 01.4-08 issued by the Central Experience Exchange	Pass
Committee (ZLS-ZEK) – PAHs Content	1 835
- REACH Regulation (EC) No. 1907/2006, Annex XVII – PAHs Content	Pass

Eurofins (Shanghai) contact information

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

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

Chinas 2hours

Chris Zhang Lab Manager

> 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>sh.info@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.



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SAMPLE PHOTO



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COMPONENT LIST

Component No.	Component
1	Transparent plastic bag
2	Black plastic clasp
3	Black plastic zipper teeth
4	Black edge
5	Black zipper fabric
6	Black leather body
7	Black tape
8	Black lining
9	Black web on tape
10	Black web on inner



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TEST RESULT

Total Cadmium Content

Test method : With reference to EN 1122: 2001, Method B, analysis was performed by ICP-OES.

Limit : Commission Regulation (EU) No 835/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006-Cadmium (Cd).

Tested Item(s)	Test Re	esult (%)	M.D.L.(%)	Limit(%)
Tested item(s)	1	2+3	WI.D.L.(/0)	LIIII(/0)
Total Cadmium (Cd)	ND	ND	0.0005	0.01

Note:

M.D.L. = method detection limit

ND = not detected, less than M.D.L.

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



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TEST RESULT

Banned AZO Dyes

			Result
Requirement :	30 mg/kg for single material		
Test method :		natography	emi quantitative y-Mass Selective Detection (GC-MSD) and uid Chromatographic Analysis (HPLC/DAD)
Test specification :	Banned AZO-dyes (REACH previously restricted under D		n (EC) No 1907/2006 (Annex XVII, No. 43), 102/61/EC)

Forbidden Amines	CAS No.	Unit	Result			
Forbidden Annies	CAS NO.	Unit	4+5	6	7	
Conclusion			Pass	Pass	Pass	
4-Aminobiphenyl	92-67-1	mg/kg	ND	ND	ND	
4,4'-Benzidine	92-87-5	mg/kg	ND	ND	ND	
4-Chloro-2-methylaniline	95-69-2	mg/kg	ND	ND	ND	
2-Naphthylamine	91-59-8	mg/kg	ND	ND	ND	
o-Aminoazotoluene ¹	97-56-3	mg/kg	ND	ND	ND	
5-Nitro-o-toluidine ²	99-55-8	mg/kg	ND	ND	ND	
4-Chloroaniline	106-47-8	mg/kg	ND	ND	ND	
4-Methoxy-1,3-phenylenediamine	615-05-4	mg/kg	ND	ND	ND	
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	ND	ND	ND	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	ND	ND	ND	
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	ND	ND	ND	
3,3'-Dimethylbenzidine	119-93-7	mg/kg	ND	ND	ND	
3,3'-Dimethyl-4,4'- diaminadiphenylmethane	838-88-0	mg/kg	ND	ND	ND	
2-Methoxy-5-methylaniline	120-71-8	mg/kg	ND	ND	ND	
4,4'-Methylene bis(o-chloroaniline)	101-14-4	mg/kg	ND	ND	ND	
4,4'-Oxydianiline	101-80-4	mg/kg	ND	ND	ND	
4,4'-Thiodianiline	139-65-1	mg/kg	ND	ND	ND	
o-Tolidine	95-53-4	mg/kg	ND	ND	ND	
2,4-Diaminotoluene	95-80-7	mg/kg	ND	ND	ND	
2,4,5-Trimethylaniline	137-17-7	mg/kg	ND	ND	ND	
o-Anisidine	90-04-0	mg/kg	ND	ND	ND	
4-Amino-azobenzene ³	60-09-3	mg/kg	ND	ND	ND	

Remarks:

ND : Not detected, less than 10 mg/kg(max.)

mg/kg = milligram per kilogram

- Note 1 : o-Aminoazotoluene(CAS No.:97-56-3) is been 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 been 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 detected as aniline. Need further confirmation when detected.
- Pass : According to the analysis carried out, AZO colorants, which release the listed Aromatic amines under Directive 2002/61/EC, were not detected.

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



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TEST RESULT

Banned AZO Dyes

Test specification :	Banned AZO-dyes (REACH Regulation (EC) No 1907/2006 (Annex XVII, No. 43), previously restricted under Directive 2002/61/EC)
Test method :	BS EN 14362-1:2012 and BS EN 14362-3:2012 10-60 mg/kg quantitative, >60 mg/kg semi quantitative Determination by Gas Chromatography-Mass Selective Detection (GC-MSD) and Confirmation by High Performance Liquid Chromatographic Analysis (HPLC/DAD)
Requirement :	30 mg/kg for single material

Forbidden Amines	CAS No.	Unit	Result			
Forbidden Annies	CAS NO.	Unit	8	9	10	
Conclusion			Pass	Pass	Pass	
4-Aminobiphenyl	92-67-1	mg/kg	ND	ND	ND	
4,4'-Benzidine	92-87-5	mg/kg	ND	ND	ND	
4-Chloro-2-methylaniline	95-69-2	mg/kg	ND	ND	ND	
2-Naphthylamine	91-59-8	mg/kg	ND	ND	ND	
o-Aminoazotoluene ¹	97-56-3	mg/kg	ND	ND	ND	
5-Nitro-o-toluidine ²	99-55-8	mg/kg	ND	ND	ND	
4-Chloroaniline	106-47-8	mg/kg	ND	ND	ND	
4-Methoxy-1,3-phenylenediamine	615-05-4	mg/kg	ND	ND	ND	
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	ND	ND	ND	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	ND	ND	ND	
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	ND	ND	ND	
3,3'-Dimethylbenzidine	119-93-7	mg/kg	ND	ND	ND	
3,3'-Dimethyl-4,4'- diaminadiphenylmethane	838-88-0	mg/kg	ND	ND	ND	
2-Methoxy-5-methylaniline	120-71-8	mg/kg	ND	ND	ND	
4,4'-Methylene bis(o-chloroaniline)	101-14-4	mg/kg	ND	ND	ND	
4,4'-Oxydianiline	101-80-4	mg/kg	ND	ND	ND	
4,4'-Thiodianiline	139-65-1	mg/kg	ND	ND	ND	
o-Tolidine	95-53-4	mg/kg	ND	ND	ND	
2,4-Diaminotoluene	95-80-7	mg/kg	ND	ND	ND	
2,4,5-Trimethylaniline	137-17-7	mg/kg	ND	ND	ND	
o-Anisidine	90-04-0	mg/kg	ND	ND	ND	
4-Amino-azobenzene ³	60-09-3	mg/kg	ND	ND	ND	

Remarks:

ND : Not detected, less than 10 mg/kg(max.)

mg/kg = milligram per kilogram

- Note 1 : o-Aminoazotoluene(CAS No.:97-56-3) is been 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 been 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 detected as aniline. Need further confirmation when detected.
- Pass : According to the analysis carried out, AZO colorants, which release the listed Aromatic amines under Directive 2002/61/EC, were not detected.



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TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs)

Test specification	:	18 Polycyclic Aromatic Hydrocarbons in polymers (PAHs) (defined in US EPA Method 610, and also Based on the document ZEK 01.4-08)
Test method	:	Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to ZEK 01.4-08
Requirement	:	ZLS-ZEK 01.4-08 (table 1): Limits for PAH in products. see below:

	Category 1	Category 2	Cate	gory 3	
	Materials intended to	Materials with foreseeable	Materi	als with	
Parameter	be put in the mouth, or	contact to skin for longer	foreseeable contact to		
Farameter	toys for children<36	than 30 seconds (long-term	skin up to	skin up to 30 seconds	
	months	skin contact) and toys not	(short-term	skin contact)	
		covered by category 1	or without	skin contact	
Benzo(a)pyrene(mg/kg)	<0.2	1	2	20	
Sum 18 PAHs(mg/kg)	<0.2	10	2	00	
Parameter	CAS No.	Unit	Re	sult	
Parameter	CAS NO.	Unit	1	2+3	
Group PAHs		mg/kg	1.66	0.555	
Acenaphthene	83-32-9	mg/kg	ND	ND	
Acenaphthylene	208-96-8	mg/kg	ND	ND	
Anthracene	120-12-7	mg/kg	ND	ND	
Benzo(a)anthracene	56-55-3	mg/kg	ND	ND	
Benzo(a)pyrene	50-32-8	mg/kg	ND	ND	
Benzo(b)fluoranthene	205-99-2	mg/kg	ND	ND	
Benzo(ghi)perylene	191-24-2	mg/kg	ND	ND	
Benzo(k)fluoranthene	207-08-9	mg/kg	ND	ND	
Chrysene	218-01-9	mg/kg	ND	ND	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND	ND	
Fluoranthene	206-44-0	mg/kg	ND	ND	
Fluorene	86-73-7	mg/kg	ND	ND	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND	ND	
Naphthalene	91-20-3	mg/kg	0.983	ND	
Phenanthrene	1985-1-8	mg/kg	0.286	0.310	
Pyrene	129-00-0	mg/kg	0.391	0.245	
Benzo(j)fluoranthene	205-82-3	mg/kg	ND	ND	
Benzo(e)pyrene	192-97-2	mg/kg	ND	ND	
Summary to above mentioned requirement:	For Category 2 skin con		Pass	Pass	

Note:

mg/kg = milligram per kilogram ND=not detected, less than 0.2 mg/kg

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



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TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Requested	:	To determine the Polycyclic Aromatic Hydrocarbons (PAHs) content of the
		submitted sample in accordance with Entry 50 of Regulation (EU) No 1272/2013
		amending Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method : With reference to ISO 18287:2006, Analysis was performed by GC/MS.

Test Item(s)	Result	t (mg/kg)	MDL	Limit
Test Item(s)	1	2+3	(mg/kg)	(mg/kg)
Benzo(a)anthracene	ND	ND	0.1	1
Chrysene	ND	ND	0.1	1
Benzo(b)fluoranthene				
Benzo(j)fluoranthene	- ND	ND	0.2	1
Benzo(k)fluoranthene	ND	ND	0.1	1
Benzo(a)pyrene	ND	ND	0.1	1
Dibenzo(a,h)anthracene	ND	ND	0.1	1
Benzo(e)pyrene	ND	ND	0.1	1

Note:

M.D.L. = method detection limit

ND = Not detected, less than detection limit

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

*** END OF THE REPORT ***