

# TEST REPORT

**APPLICANT** : Xindao B.V.

**ADDRESS** : P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

**SAMPLE DESCRIPTION** : Basic backpack

**ITEM NO.** : P760.20x

**COUNTRY OF ORIGIN** : China

**COUNTRY TO IMPORT** : Europe

**SAMPLE RECEIVED DATE** : 08-Apr-2014

**FURTHER INFORMATION DATE** : 14-Apr-2014

**TURN AROUND TIME** : 14-Apr-2014 to 18-Apr-2014, 5 Working Days

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

**Eurofins (Shanghai) contact information****Customer service:** [EmilyDeng@eurofins.com](mailto:EmilyDeng@eurofins.com) / 021-61819259**Sales specialist:** [EricSun@eurofins.com](mailto:EricSun@eurofins.com) / 021-61819212/ 13816616371

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

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



Chris Zhang  
Lab Manager

**SAMPLE PHOTO**



**EFSH14040431-CG**

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

**COMPONENT LIST**

Component No.	Component
1	Black plastic zipper head.
2	Red plastic zipper teeth.
3	Black plastic buckle on tape.

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

## 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:

Parameter	Category 1 Materials intended to be put in the mouth, or toys for children<36 months	Category 2 Materials with foreseeable contact to skin for longer than 30 seconds (long-term skin contact) and toys not covered by category 1	Category 3 Materials with foreseeable contact to skin up to 30 seconds (short-term skin contact) or without skin contact
Benzo(a)pyrene(mg/kg)	<0.2	1	20
Sum 18 PAHs(mg/kg)	<0.2	10	200
Parameter	CAS No.	Unit	Result 1+2+3
Group PAHs	--	mg/kg	1.40
Acenaphthene	83-32-9	mg/kg	ND
Acenaphthylene	208-96-8	mg/kg	ND
Anthracene	120-12-7	mg/kg	ND
Benzo(a)anthracene	56-55-3	mg/kg	ND
Benzo(a)pyrene	50-32-8	mg/kg	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	ND
Benzo(ghi)perylene	191-24-2	mg/kg	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	ND
Chrysene	218-01-9	mg/kg	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND
Fluoranthene	206-44-0	mg/kg	ND
Fluorene	86-73-7	mg/kg	ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND
Naphthalene	91-20-3	mg/kg	ND
Phenanthrene	1985-1-8	mg/kg	0.953
Pyrene	129-00-0	mg/kg	0.446
Benzo(j)fluoranthene	205-82-3	mg/kg	ND
Benzo(e)pyrene	192-97-2	mg/kg	ND
Summary to above mentioned requirement:	For Category 2 skin contact more than 30 sec		Pass

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.

## **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 (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	1+2+3		
Benzo(a)anthracene	ND	0.1	1
Chrysene	ND	0.1	1
Benzo(b)fluoranthene	ND	0.2	1
Benzo(j)fluoranthene			
Benzo(k)fluoranthene	ND	0.1	1
Benzo(a)pyrene	ND	0.1	1
Dibenzo(a,h)anthracene	ND	0.1	1
Benzo(e)pyrene	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 \*\*\*