

# TEST REPORT

**DEKRA Testing and Certification (Shanghai) Ltd**  
5F, 217# Jiangchangsan Road, Shibe Hi-Tech  
Park, Shanghai, P.R.C. (200436)  
Tel.: +86 21 6056 7512  
Fax: +86 21 6056 7555

Contact  
Mrs. Alina Wang  
Tel: 021-60567706  
E-Mail: Alina.wang@dekra-certification.cn  
Report Issue Date: 2016.10.26  
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**Test Report No. : 3197834.50QS**  
**Project no. : 3197834**

Client :

Date sample received : 2016.10.24  
Product : POWER LINE  
Product description : Please refer to next page(s).  
Model : /  
Reference No. : /  
Test Requested : As the client required, to determine the Polycyclic Aromatic Hydrocarbons (PAHs) contents of the submitted sample(s).  
Test Method : Please refer to next page(s).  
Result : Please refer to next page(s).  
Conclusion : Based on the analysis on the submitted samples, the test results do comply with the PAHs category II (other than toy products) requirement according to AfPS GS 2014:01.  
Testing Period : 2016.10.24—2016.10.26

Signed for and on behalf of  
**DEKRA Testing and Certification (Shanghai) Ltd**

Wang Menglu (王梦璐)  
Project Manager



Li yiming (李一鸣)  
Test Engineer

## TEST RESULTS

### 1: Polycyclic Aromatic Hydrocarbons (PAHs)

**Test Method:** With reference to AfPS GS 2014:01, PAHs analysis was performed by GC-MS.

TEST ITEM	UNIT	MDL	TEST RESULT 001
1. Benzo(a)pyrene	mg/kg	0.2	N.D.
2. Benzo(e)pyrene	mg/kg	0.2	N.D.
3. Benzo(a)anthracene	mg/kg	0.2	N.D.
4. Chrysene	mg/kg	0.2	N.D.
5. Benzo(b)fluoranthene	mg/kg	0.2	N.D.
6. Benzo(j)fluoranthene	mg/kg	0.2	N.D.
7. Benzo(k)fluoranthene	mg/kg	0.2	N.D.
8. Dibenzo(a,h)anthracene	mg/kg	0.2	N.D.
9. Indeno(1,2,3-cd)pyrene	mg/kg	0.2	N.D.
10. Benzo(g,h,i)perylene	mg/kg	0.2	N.D.
11. Acenaphthylene	mg/kg	0.2	N.D.
12. Acenaphthene	mg/kg	0.2	N.D.
13. Fluorene	mg/kg	0.2	N.D.
14. Phenanthrene	mg/kg	0.2	N.D.
15. Anthracene	mg/kg	0.2	N.D.
16. Fluoranthene	mg/kg	0.2	N.D.
17. Pyrene	mg/kg	0.2	N.D.
Sum of 11-17 PAHs	mg/kg	---	N.D.
18. Naphthalene	mg/kg	0.2	N.D.
Sum PAH (PAH18)	mg/kg	---	N.D.

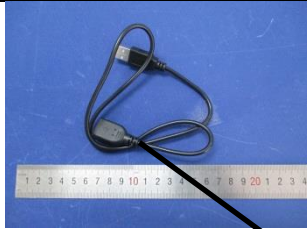
1) MDL = Method Detection Limit.


2) N.D. = Not detected, less than MDL.

3) "---" = Not Regulated.

**LIMITS FOR PAH IN PRODUCTS:**

Parameter	Category I	Category II		Category III	
	Materials indented to be put in the mouth, or materials of toys for children aged < 36 months with intended skin contact	Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or short-term repetitively		Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)	
		Toys according to directive 2009/48/EC	All other product according to ProdSG	Toys according to directive 2009/48/EC	All other product according to ProdSG
Benzo[a]pyrene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[e]pyrene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[a]anthracene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[b]fluoranthene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[j]fluoranthene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[k]fluoranthene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Chrysene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Dibenzo [a,h] anthracene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Benzo[g,h,i]perylene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Indeno [1,2,3-c,d] pyrene	<0.2 mg/kg	<0.2 mg/kg	<0.5 mg/kg	<0.5 mg/kg	<1 mg/kg
Acenaphthylene	Sum<1 mg/kg	Sum<5 mg/kg	Sum<10 mg/kg	Sum<20 mg/kg	Sum<50
Acenaphthene					
Fluorene					
Phenanthrene					
Anthracene					
Fluoranthene					
Pyrene					
Naphthalene	<1 mg/kg	<2 mg/kg		<10 mg/kg	
SUM 18 PAHs	<1 mg/kg	<5 mg/kg	<10 mg/kg	<20 mg/kg	<50 mg/kg

Sample No.	Description	
001	black wire	

  
Test part

---End of Report---

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