



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Test Report Number : CNB3150911-04246-C

CTS (Ningbo) Testing Service Technology Co., Ltd.

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The measurement results only apply to the submitted samples.
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1 General Information**1.1 Application Details**

Name :
Address :

Contact : /
Telephone :
Fax :
Mobile telephone : /
Email :

1.2 Manufacturer & Buyer

Manufacturer name :
Address :

Contact : /
Telephone :
Fax :
Mobile telephone : /
Email :
Buyer name : /

1.3 Description of the Test Item

Sample name : LED LIGHT
Model No. : /
Brand name : /
Condition of sample(s) : EFFECTIVE

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2 Test Results

2.1 General Information

2.1.1 Date of Sample Received

Sep. 11, 2015

2.1.2 Testing Period

Sep. 11, 2015 to Sep. 17, 2015

2.1.3 Test Requested

As specified by applicant, to determine the Polycyclic Aromatic Hydrocarbon (PAHs) content in the submitted sample in accordance with AfPS GS 2014:01.

2.1.4 Test Method

Refer to AfPS GS 2014:01, ultrasonic extraction, followed by analysis using Gas Chromatography - Mass Spectrometry.

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2.2 Results

Compounds	CAS Number	Result (mg/kg)	Maximum permissible limit (mg/kg)		
			Category 1	Category 2	Category 3
(1) Naphthalene (NAP)	91-20-3	1.1	<1	<2	<10
(2) Acenaphthylene (ANY)	208-96-8	N.D.	<1	<10	<50
(3) Acenaphthene (ANA)	83-32-9	N.D.			
(4) Fluorene(FLU)	86-73-7	N.D.			
(5) Phenanthrene (PHE)	85-01-8	N.D.			
(6) Anthracene (ANT)	120-12-7	N.D.			
(7) Fluoranthene (FLT)	206-44-0	N.D.			
(8) Pyrene (PYR)	129-00-0	N.D.			
(9) Benz(a)anthracene (BaA)	56-55-3	N.D.	<0.2	<0.5	<1
(10) Chrysene (CHR)	218-01-9	N.D.	<0.2	<0.5	<1
(11) Benzo(b)fluoranthene (BbF)	205-99-2	N.D.	<0.2	<0.5	<1
(12) Benzo(k)fluoranthene (BkF)	207-08-9	N.D.	<0.2	<0.5	<1
(13) Benzo(a)pyrene (BaP)	50-32-8	N.D.	<0.2	<0.5	<1
(14) Indeno(1,2,3-cd) pyrene (IPY)	193-39-5	N.D.	<0.2	<0.5	<1
(15) Dibenzo(a,h)anthracene (DBA)	53-70-3	N.D.	<0.2	<0.5	<1
(16) Benzo(g,h,i)perylene(BPE)	191-24-2	N.D.	<0.2	<0.5	<1
(17) Benzo(j)fluoranthene (BjF)	205-82-3	N.D.	<0.2	<0.5	<1
(18) Benzo(e)pyrene (BeP)	192-97-2	N.D.	<0.2	<0.5	<1
Total PAHs	- -	1.1	<1	<10	<50
Conclusion	- -	- -	- -	Pass	Pass

Test Part Description :

No.1 : White plastic shell

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- Note :
1. 1 mg/kg=1 ppm=0.0001%
 2. The detection limit of each of the individual compound is 0.1 mg/kg.
 3. N.D. = not detected (less than MDL)
 4. Category 1: Material in contact with foodstuff, or materials indented to be put in the mouth and toys for children aged <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.
 5. The test results only apply to the materials requested by applicant.

Written by:



Inspected by:



Approved by:



End of Report

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3 Sample Reference Photo



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