

Test Report

No. TSNEC1200505601

Date: 07 Sep 2012

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SHANXI FU LI HUA CHEMICAL INDUSTRY CO.,LTD.

**JIAOCHENG THE SUMMER HOME OF CAMP SILVERTHROUGH THE PARK LVLIANG CITY,SHANXI
PROVINCE
CHINA**

**The following sample(s) was/were submitted and identified on behalf of the clients as : CARBON
BLACK
PIGMENT**

SGS Job No. : TP12-006318 - TJ
Date of Sample Received : 01 Sep 2012
Testing Period : 01 Sep 2012 - 06 Sep 2012
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

**Signed for and on behalf of
SGS-CSTC Ltd.**



**Summer Bai
Approved Signatory**

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	TSN12-005056.001	black powder

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Polynuclear Aromatic Hydrocarbons (PAHs)

Test Method : With reference to ZEK 01.4-08 of German ZLS and its amendments, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	001
Naphthalene(NAP)	mg/kg	0.2	2.2
Acenaphthylene(ANY)	mg/kg	0.2	0.2
Acenaphthene(ANA)	mg/kg	0.2	ND
Fluorene(FLU)	mg/kg	0.2	ND
Phenanthrene(PHE)	mg/kg	0.2	3.3
Anthracene(ANT)	mg/kg	0.2	0.6
Fluoranthene(FLT)	mg/kg	0.2	2.1
Pyrene(PYR)	mg/kg	0.2	0.7
Benzo(a)anthracene(BaA)	mg/kg	0.2	ND
Chrysene(CHR)	mg/kg	0.2	ND
Benzo(b)fluoranthene(BbF) and Benzo(j)fluoranthene(BjF)	mg/kg	0.4	ND

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Test Item(s)	Unit	MDL	001
Benzo(k)fluoranthene(BkF)	mg/kg	0.2	ND
Benzo(a)pyrene(BaP)	mg/kg	0.2	ND
Benzo(e)pyrene(BeP)	mg/kg	0.2	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.2	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.2	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.2	ND
Sum of 18 PAHs	mg/kg	-	9.1

ZEK 01.4-08: Restraining maximum values for products

Parameter	Category 1	Category 2	Category 3
	Material indented to be put in the mouth or material for toys with normal skin contact for children aged < 36 months	Materials those are not included in Category 1, with predictable contact with the skin longer than 30 s. (long-term skin contact).	Materials those are not included in Category 1 or 2, with predictable skin contact up to 30 s (short-term skin contact).
Benzo(a)pyrene (mg/kg)	<0.2**	1	20
Sum of 18 PAH (mg/kg)*	<0.2**	10	200

Notes:

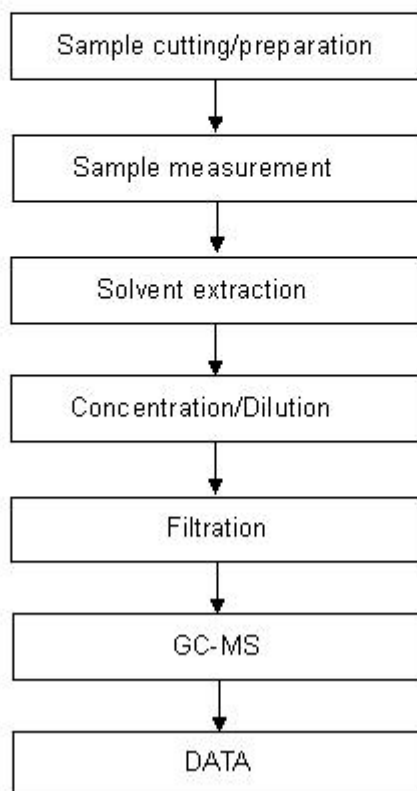
- * = Only PAH substances >0.2 mg/kg are taken into account while calculating the sum of PAHs
- ** = In case that the maximum values exceed the limits of category 1, but are within the limits of category 2, one may confirm the suitability of the tested material which is indented to be put in the mouth by additional specific migration tests of PAH components based on DIN EN 1186ff and §64 LFGB 80.30-1. The conclusion of the migration test results must be made based on food law criteria.

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ATTACHMENTS

PAHs Testing Flow Chart

- 1) Name of the person who made testing: Marina Sun
- 2) Name of the person in charge of testing: Rex Zhu



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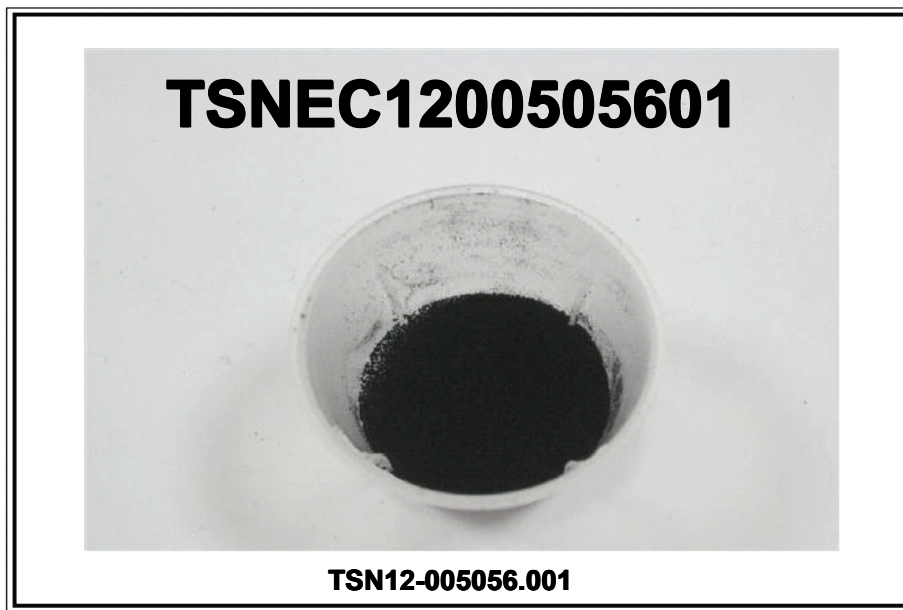
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Sample photo:



SGS authenticate the photo on original report only

***** End of Report *****

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