

## Test Report

No. : CE/2016/38189

Date : 2016/04/08

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PACIFIC EAGLE ENTERPRISE CO., LTD.  
NO. 731, SHENZHOU RD, SHENGANG, TAICHUNG, TAIWAN 42948



The following samples was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : PACIFIC EAGLE ENTERPRISE CO., LTD.  
Sample Description : NEOPRENE-SBR-2E  
Sample Receiving Date : 2016/03/30  
Testing Period : 2016/03/30 TO 2016/04/08

=====  
**Test Requested** : As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs).

**Test Result(s)** : Please refer to next page(s).

**Summary** : Based upon the performed tests on the submitted sample, the test results of PAHs comply with the limits of PAHs requirement (Category 2) 「Other products under ProdSG」 as set by German Committee on Product Safety (AfPS) GS PAHs.

  
Edison Chang / Sr. Supervisor  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory – Taipei

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## Test Result(s)

PART NAME No.1 : BLACK SHEET

Test Item(s)	Unit	Method	MDL	Result
				No.1
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>				
Acenaphthene (CAS No.: 83-32-9)	mg/kg	With reference to AfPS GS 2014:01 PAK method. Analysis was performed by GC/MS.	0.2	n.d.
Acenaphthylene (CAS No.: 208-96-8)			0.2	n.d.
Anthracene (CAS No.: 120-12-7)			0.2	n.d.
Benzo[a]anthracene (CAS No.: 56-55-3)			0.2	n.d.
Benzo[a]pyrene (CAS No.: 50-32-8)			0.2	n.d.
Benzo[b]fluoranthene (CAS No.: 205-99-2)			0.2	n.d.
Benzo[g,h,i]perylene (CAS No.: 191-24-2)			0.2	n.d.
Benzo[k]fluoranthene (CAS No.: 207-08-9)			0.2	n.d.
Chrysene (CAS No.: 218-01-9)			0.2	n.d.
Dibenzo[a,h]anthracene (CAS No.: 53-70-3)			0.2	n.d.
Fluoranthene (CAS No.: 206-44-0)			0.2	n.d.
Fluorene (CAS No.: 86-73-7)			0.2	n.d.
Indeno[1,2,3-c,d] pyrene (CAS No.: 193-39-5)			0.2	n.d.
Naphthalene (CAS No.: 91-20-3)			0.2	n.d.
Phenanthrene (CAS No.: 85-01-8)			0.2	n.d.
Pyrene (CAS No.: 129-00-0)			0.2	n.d.
Benzo[j]fluoranthene (CAS No.: 205-82-3)			0.2	n.d.
Benzo[e]pyrene (CAS No.: 192-97-2)			0.2	n.d.
<b>Sum of 18 PAHs</b>			-	n.d.

### Note :

1. mg/kg = milligram per kilogram
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. " - " = Not Regulated

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## AfPS (German commission for Product Safety): GS PAHs requirements

Parameter	Category 1	Category 2		Category 3	
	Material intended to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not falling under category 1 with foreseeable contact to skin for longer than 30 seconds (long-term skin or frequent contact).		Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 seconds (short-term skin contact).	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Naphthalene	< 1	< 2		< 10	
Acenaphthylene	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Acenaphthene					
Fluorene					
Phenanthrene					
Anthracene					
Fluoranthene					
Pyrene					
Benzo[a]anthracene					
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-c,d] pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Sum of 18 PAH	< 1	< 5	< 10	< 20	< 50

Unit: mg/kg

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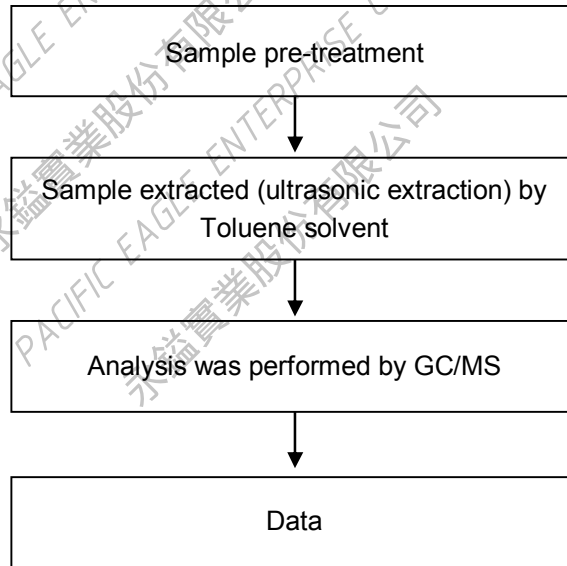
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### PAHs (Polycyclic Aromatic Hydrocarbons) analytical flow chart

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang



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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*

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