



Test Report

Report No.: C-15080042

Page: 1 of 4

Client:

Client Address:

Sample Name: Car charger

Sample Style: BM2127R, BM2127

Supplier: /

Sample Receiving Date: Aug.24, 2015

Test Period: Aug.24, 2015 to Aug.28, 2015

Test Requested: To determine Polycyclic Aromatic Hydrocarbons (PAHs) content as the AfPS GS 2014:01 PAK.

Test Results: Please refer to next page(s).

Tested By: *Peter*

Reviewed By: *Michael*

Approved By: *Syph*

Issue Date: Aug.28, 2015



Test Report

Report No.: C-15080042

Page: 2 of 4

Test Results:

To determine Polycyclic Aromatic Hydrocarbons (PAHs) content as the AfPS GS 2014:01 PAK.

Test method: AfPS GS 2014:01 PAK, solvent extraction and analyzed by gas chromatographic-mass spectrometer (GC-MS).

Sample Identity	Sample Description
(1)	Black plastic

Test Items	CAS No.	Unit	MDL	Content
				(1)
Naphthalene (Nap)	91-20-3	mg/kg	0.2	*N.D.
Acenaphthylene (AcPy)	208-96-8	mg/kg	0.2	N.D.
Acenaphthene (Acp)	83-32-9	mg/kg	0.2	N.D.
Fluorene (Flu)	86-73-7	mg/kg	0.2	N.D.
Phenanthrene (PA)	85-01-8	mg/kg	0.2	N.D.
Anthracene (Ant)	120-12-7	mg/kg	0.2	N.D.
Fluoranthene (FL)	206-44-0	mg/kg	0.2	N.D.
Pyrene (Pyr)	129-00-0	mg/kg	0.2	N.D.
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.
Chrysene (CHR)	218-01-9	mg/kg	0.2	N.D.
Benzo[b]fluoranthene (BbF)	205-99-2	mg/kg	0.2	N.D.
Benzo[k]fluoranthene (BkF)	207-08-9	mg/kg	0.2	N.D.
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.
Indeno[1,2,3-cd]pyrene (IND)	193-39-5	mg/kg	0.2	N.D.
Dibenzo[a,h]anthracene (DBAh)	53-70-3	mg/kg	0.2	N.D.
Benzo[g,h,i]perylene (BghiP)	191-24-2	mg/kg	0.2	N.D.
Benzo[j]fluoranthene	205-82-3	mg/kg	0.2	N.D.
Benzo[e]pyrene	192-97-2	mg/kg	0.2	N.D.
Sum of 18 PAHs	/	mg/kg	--	N.D.

Test Report

Report No.: C-15080042

Page: 3 of 4

Note:

- “--”=Not regulated, mg/kg = ppm=parts per million
- MDL=Method Detection Limit
- N.D.=Not Detected(less than method detection limit)
- Results shown as ND are ignored in the sum calculation.
- * The developed naphthalene result will always only show the momentary situation of the test sample at the time of measurement.

AfPS GS 2014:01 PAK: Restraining maximum values for products:

Unit: mg/kg

Parameter	Category1	Category2		Category3	
	Materials intended to be put in the mouth, or materials of toys with intended long-term skin contact (longer than 30 seconds)	Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact*		Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)	
		Toys in the scope of 2009/48/EC	Other products in the scope	Toys in the scope of 2009/84/EC	Other products in the scope
Benzo(a)pyrene(BaP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene(BeP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene(BaA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene(BbF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene(BjFA)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene(BkF)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene(DBAh)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene(BghiP)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene(IND)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Acenaphthylene(AcPy), Acenaphthene(Acp), Fluorene(Flu), Phenanthrene(PA), Pyrene(Pyr), Anthracene(Ant), Fluoranthene(FL)	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene(Nap)	< 1	< 2		< 10	
Sum of 18 PAH(EPA)	< 1	< 5	< 10	< 20	< 50

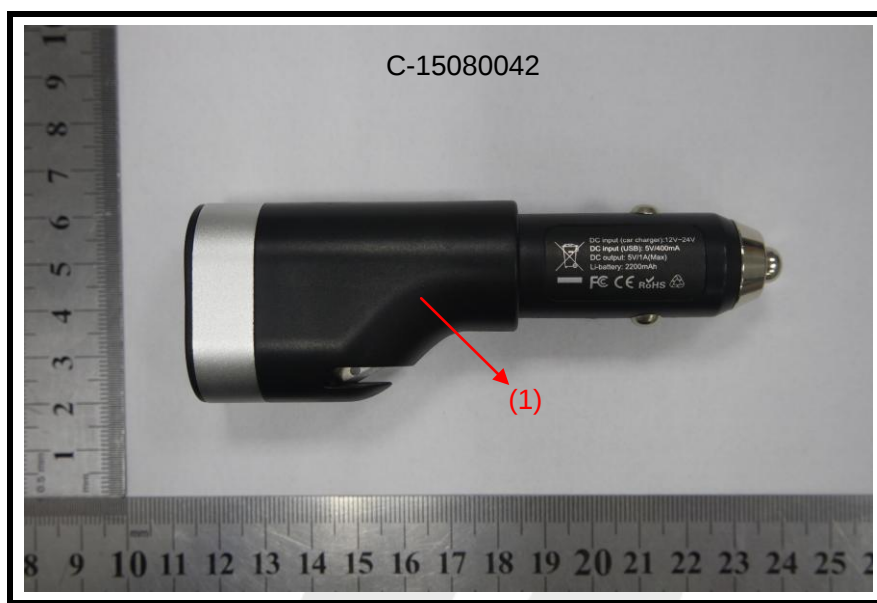
* Wording “repeated short-term skin contact” from supplement to REACH Annex XVII No. 50 (REGULATION(EU) No 1272/2013).

Test Report

Report No.: C-15080042

Page: 4 of 4

Appendix Sample Photo



PTL authenticate the photo on original report only

*** End of Report ***

Important Information

1. The test report is invalid without the official stamp of the lab.
2. Nobody is allowed to photocopy or partly photocopy this report without written permission of the lab
3. The test report is invalid without the signature of approver and reviewer.
4. The test report is invalid if altered.
5. If any test method is deviation from the designated test method , must be commented in the test data sheet .
6. Objections to the test report must be submitted to LAB within 15days.
7. The test report is valid for the tested sample only.