

TEST REPORT

Report No.: R-cn5-1603701-E

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Applicant Name :
Applicant Address :

The following information was submitted and identified by/on behalf of the client:

Product Name : Aluminum anti skimming wallet
Model : P820.46*
Material : /
Buyer : /
Supplier : /
Goods exported to : EU
Country of Origin : /

Date of receipt : Sep.13,2016
Testing Period : Sep.13,2016- Sep.19,2016

Test Category : Applicant Testing
Test Requested : As specified by client
Test Method : Please refer to the following page
Test Instrument : Please refer to the following page

Testing Results : Please refer to the following page

Testing summary of Submitted Sample and Tested Component on Submitted Sample:

No.	Test items	Conclusion
1	AZO-dyes	Pass
2	Polycyclic aromatic hydrocarbons (PAHs)	Pass(Category 3-other)
3	REACH Annex XVII - Total Lead	Data

Approved by:



Technical manager: Kevin Lee

Issued Date: Sep.27, 016
No. 16217897

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Sample description:

No.	Specimen	Description
001	Aluminum anti skimming wallet	Black elastic

Testing Results:

1. Test specification: AZO-dyes

Test method : EN 14362-1:2012

Requirement : 30 mg/kg -- Directive 2009/552/EC 、 2006/1907/EC and 2002/61/EC

Test Item	CAS No.	MDL (mg/kg)	001 (mg/kg)
4-Aminobiphenyl	92-67-1	5	<5
4,4'-Benzidine	92-87-5	5	<5
4-Chloro-2-methylaniline	95-69-2	5	<5
2-Naphthylamine	91-59-8	5	<5
o-Aminoazotoluene ¹	97-56-3	5	<5
5-Nitro-o-toluidine ²	99-55-8	5	<5
4-Chloroaniline	106-47-8	5	<5
4-Methoxy-1,3-phenylenediamine	615-05-4	5	<5
Bis-(4-aminophenyl)methane	101-77-9	5	<5
3,3'-Dichlorobenzidine	91-94-1	5	<5
3,3'-Dimethoxybenzidine	119-90-4	5	<5
3,3'-Dimethylbenzidine	119-93-7	5	<5
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	5	<5
2-Methoxy-5-methylaniline	120-71-8	5	<5
4,4'-Methylene bis(o-chloroaniline)	101-14-4	5	<5
4,4'-Oxydianiline	101-80-4	5	<5
4,4'-Thiodianiline	139-65-1	5	<5
o-Tolidine	95-53-4	5	<5
2,4-Diaminotoluene	95-80-7	5	<5
2,4,5-Trimethylaniline	137-17-7	5	<5
o-Anisidine	90-04-0	5	<5
4-Amino-azobenzene ³	60-09-3	5	<5 [@]
Conclusion	--	--	Pass

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@= Additional the following compounds were not found:

Test Item	CAS No.	MDL (mg/kg)	001 (mg/kg)
p-Phenylenediamine	106-50-3	5	<5
Aniline	62-53-3	5	<5

Remarks:

- Note 1 : o-Aminoazotoluene(CAS No.:97-56-3) is been reduced to o-Toluidine(CAS No.:95-53-4) and quantified by this.
- Note 2 : 5-Nitro-o-toluidine(CAS No.:99-55-8) is been reduced to 4-Methyl-m-phenylene Diamine(CAS No.:95-80-7) and quantified by this.
- Note 3 : 4-Amino-azobenzene(CAS No.:60-09-3) is detected as p-Phenylenediamine and aniline. Need further confirmation when detected at the same time.
- Pass : According to the analysis carried out, AZO colorants, which release the listed aromatic amines under Directive 2002/61/EC, were not detected.
- Fail : According to the analysis carried out, AZO colorants, which release the listed aromatic amines beyond Directive 2002/61/EC, were detected.

Note:

MDL:Method Detection Limit

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent	7890B-5977A
HPLC	Shimadzu	LC-20AT

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2. Test specification: Polycyclic aromatic hydrocarbons (PAHs)

Test method : AfPS-GS-2014:01
 Requirement : GS Mark (AfPS-GS-2014:01) Annex I

Test Item	MDL (mg/kg)	001 (mg/kg)
Naphthalene	0.2	0.3
Acenaphthylene	0.2	<0.2
Acenaphthene	0.2	<0.2
Fluorene	0.2	0.4
Phenanthrene	0.2	1.7
Anthracene	0.2	<0.2
Fluoranthene	0.2	<0.2
Pyrene	0.2	0.6
Benz(a)anthracene	0.2	0.5
Chrysene	0.2	0.8
Benzo(b)fluoranthene	0.2	<0.2
Benzo(k)fluoranthene	0.2	<0.2
Benzo(a)pyrene	0.2	<0.2
Indeno(1,2,3-cd)pyrene	0.2	<0.2
Dibenzo(a,h)anthracene	0.2	<0.2
Benzo(g,h,i)perylene	0.2	<0.2
Benzo(j)fluoranthene	0.2	<0.2
Benzo(e)pyrene	0.2	<0.2
Sum	--	4.3
Conclusion(Category 3-other)	--	Pass

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Annex I

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

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Note:

MDL:Method Detection Limit

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent	7890B-5977A

3.Test specification : REACH Annex XVII - Total Lead

Test method : US EPA 3052:1996 & US EPA 6010D:2014

Requirement : (EC)No 1907/2006 REACH Annex XVII

Test Item	MDL (mg/kg)	001 (mg/kg)
Total Lead	10	<10

Note:

MDL:Method Detection Limit

Main test instruments used for this method:

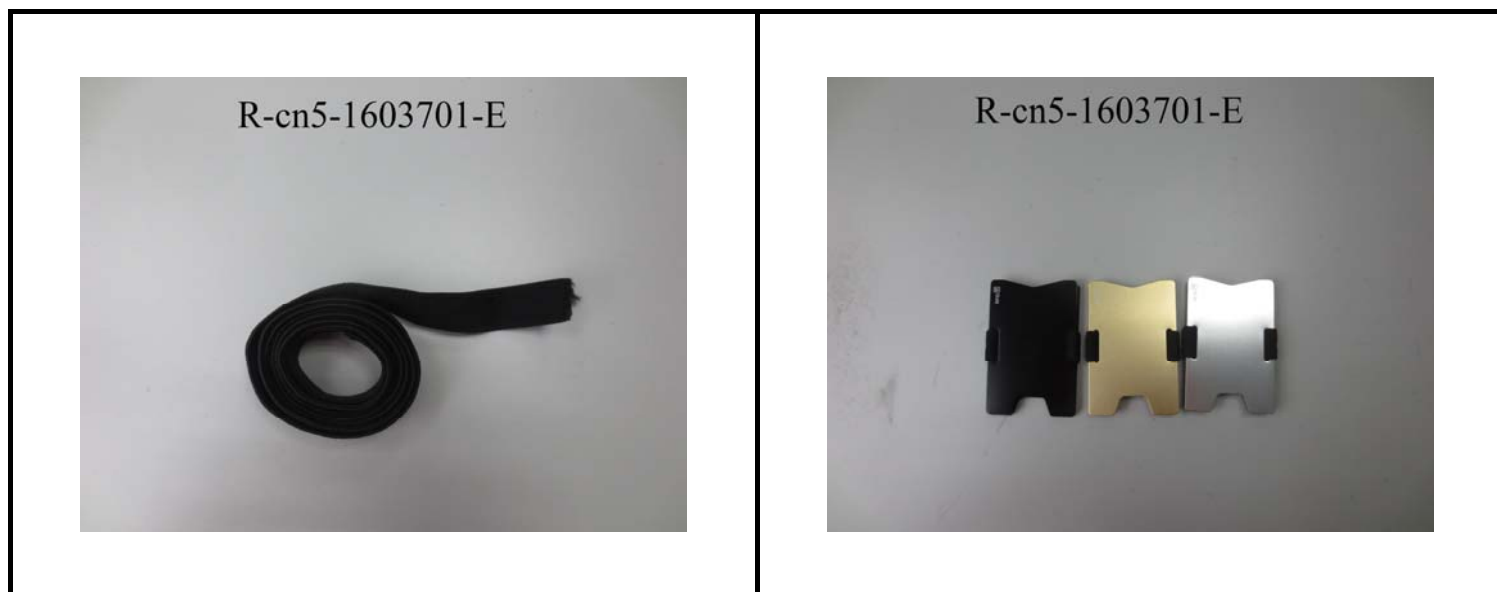
Instrument	Manufactory	Model / Type
ICP-OES	Agilent/Shimadzu	VISTA-MPX/ ICPE-9000

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Annex: Sample Photo



The results shown here refer only to the sample(s) tested, unless otherwise stated. This report can only be reproduced in full, not partially, except by explicit written permission of the laboratory.

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