

Test Report

No. SHAHG1624516501

Date: 17 Nov 2016

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Zhuozhou Haoyuan Foil Industry Co.,Ltd.

NO.3 Huafeng Road.Zhuozhou City.Hebei Province.P.R.of China

The following sample(s) was/were submitted and identified on behalf of the clients as : Aluminum foil sheet

SGS Job No. : TJHL1610004627CW - TJ

Date of Sample Received : 09 Nov 2016

Testing Period : 09 Nov 2016 - 17 Nov 2016

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).

Conclusion : The tested parameters comply with the requirements stated in the Council of Europe Resolution CM/Res(2013)9 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Serena Wang
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA16-245165.001	Silver film	Aluminum

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

Extractable heavy metals

Test Requested : In accordance with Council of Europe Resolution CM/Res(2013)9, to determine specific migration of heavy metal.

Test Method : With reference to EN 13130-1:2004, analysis was performed by ICP-OES and ICP-MS.

Sample 001: **PASS**

Simulant Used : Artificial tap water

Test Condition : 100 °C 4.0 hr(s)

Area/Volume : 6.0 dm²/kg

Test Item(s)	Limit	Unit	MDL	1st Migration
Aluminium(Al)	5	mg/kg	0.2	3.6
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND
Iron(Fe)	40	mg/kg	0.25	ND
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	ND
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1st Migration</u>
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

Notes :

- (1) Test condition & simulant were specified by client.
- (2) Acidic foodstuff is not considered for compliance.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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