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American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**Test Report**

Number: HKGH01732553

Applicant: KNIGHTSBRIDGE PME LTD  
23 RIVERWALK RD  
BRIMSDOWN  
ENFIELD EN3 7QN  
UNITED KINGDOM  
Attn: JOCELYN BALUBAR

Date: Jan 09, 2015

Submitted sample said to be :  
Item Name : **Aluminium Plunger Cutter**  
Reference No. : MH150, FB140  
Quantity : 1 set  
Country of Origin : China  
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Conclusion:  
The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) European Commission Regulation No. 10/2011 and Regulation No. 1935/2004 - Overall migration test	Pass
(2) European Commission Regulation No. 10/2011 Annex II and Regulation No. 1935/2004 - Specific migration of heavy metal content	Pass
(3) Council of Europe Resolution CM/Res (2013) 9 on Metals and Alloys used in Food Contact Materials and Articles - Migration of Metal Content	Pass

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For and on behalf of :  
Intertek Testing Services HK Ltd.

Angel Y.F. Cheung  
Vice President





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(3) Migration of Metal Content

Test method: Council of Europe Technical Guide on Metals and alloys used in food contact materials and Articles.

Food simulant	Temperature	Time
0.5% citric acid	40°C	30 minutes

Element	Sum of results obtained from 1 <sup>st</sup> & 2 <sup>nd</sup> migration (mg/kg) (1)	Limit (mg/kg)
Aluminium (Al)	< 0.1	35
Antimony (Sb)	< 0.01	0.28
Arsenic (As)	< 0.001	0.014
Barium (Ba)	< 0.1	8.4
Beryllium (Be)	< 0.001	0.07
Cadmium (Cd)	< 0.001	0.035
Chromium (Cr)	< 0.1	1.75
Cobalt (Co)	< 0.01	0.14
Copper (Cu)	< 0.1	28
Iron (Fe)	< 5	280
Lead (Pb)	< 0.01	0.07
Lithium (Li)	< 0.02	0.336
Manganese (Mn)	< 0.1	12.6
Mercury (Hg)	< 0.001	0.021
Molybdenum (Mo)	< 0.01	0.84
Nickel (Ni)	< 0.01	0.98
Silver (Ag)	< 0.02	0.56
Thallium (Tl)	< 0.0001	0.0007
Tin (Sn)	< 5	700
Vanadium (V)	< 0.005	0.07
Zinc (Zn)	< 1	35

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Element	Result obtained from 3 <sup>rd</sup> migration in mg/kg	Limit in mg/kg
	(1)	
Aluminium (Al)	< 0.1	5
Antimony (Sb)	< 0.01	0.04
Arsenic (As)	< 0.001	0.002
Barium (Ba)	< 0.1	1.2
Beryllium (Be)	< 0.001	0.01
Cadmium (Cd)	< 0.001	0.005
Chromium (Cr)	< 0.1	0.250
Cobalt (Co)	< 0.01	0.02
Copper (Cu)	< 0.1	4
Iron (Fe)	< 5	40
Lead (Pb)	< 0.01	0.010
Lithium (Li)	< 0.02	0.048
Manganese (Mn)	< 0.1	1.8
Mercury (Hg)	< 0.001	0.003
Molybdenum (Mo)	< 0.01	0.12
Nickel (Ni)	< 0.01	0.14
Silver (Ag)	< 0.02	0.08
Thallium (Tl)	< 0.0001	0.0001
Tin (Sn)	< 5	100
Vanadium (V)	< 0.005	0.01
Zinc (Zn)	< 1	5

Tested Component : (1) Aluminium (Cutter) (Aluminium).

Date sample received : Nov 27, 2014

Testing period : Nov 27, 2014 to Jan 02, 2015

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End of report

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