

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

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: HKGH0151903601 S1

Applicant: KARIBU BABY LTD
UNIT 12 18/F REAR BLOCK
WAH FAT IND BLDG
10-14 KUNG YIP ST
KWAI CHUNG NT HK
Attn: MS PANG / GARY

Date: Aug 13, 2013

*This is to supersede Report No.
HKGH0151903601 dated Aug 13, 2013*

Sample Description:

Submitted samples said to be :
Item Name

: **Karibu Folding Bath with three assorted colors:**

- Blue
- Pink
- Turquoise

Item No.
Quantity
Manufacturer
Country of Origin

- : **PM3310**
- : Three pieces per color
- : Plastmetic (HK) Mfy Ltd.
- : China



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	XP S 54-044(May 2003) - Children Bathtubs	Pass

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

Angel Y.F. Cheung
Vice President





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1 Safety Requirements for Children Bath Tubs

Test standard : XP S 54-044 (May 2003)- Children's Bathtubs

Number of samples tested : One (1) set.

Clause	Requirement	Result
4	Materials	P (See appendix)
5 Construction		
5.1	General	P
5.2	Detachable or removable elements	P
5.3	Static strength	P
5.4	Thermal test	P
5.5	Impact test	P
5.6	Foam mattress	NA
5.7	Inflatable bath-tubs or cushions add to bath-tubs	NA
6	Durability of marking	P
7	Marking and instruction for use	
7.1	General	P
7.2	Markings	P
7.3	Instruction for use	P

Abbreviation : P = Pass; NA = Not Applicable



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Appendix :

19 Toxic Element Migration Test

(A) Test Result

As per EN71-3:2013

Category (III): Scraped-off toy material

<u>Element</u>	<u>Result (mg/kg)</u>			<u>Limit (mg/kg)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	
Aluminium (Al)	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	47
Barium (Ba)	11	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	17
Chromium (III) (Cr III)	<10	<10	<10	460
Chromium (VI) (Cr VI)	< 0.2#	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	3.0	12
Zinc (Zn)	< 100	< 100	< 100	46000



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Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Aluminium (Al)	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	17
Chromium (III) (Cr III)	<10	<10	<10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	160
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Tin (Sn)	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	46000

Remark : mg/kg = milligram per kilogram

- Organic tin test result was expressed as tributyl tin.

- Unless specified, determination of Chromium (III), Chromium (VI) and Organic tin was based on elemental analysis.

= Confirmation of Chromium (VI) test was performed on the tested component.

Tested Components :

- (1) Black coating on plastic (warning of folding bath).
- (2) Blue plastic (body, grip and base of blue folding bath).
- (3) Pink plastic (body, grip and base of blue folding bath).
- (4) Turquoise plastic (body, grip and base of blue folding bath).
- (5) White plastic (body, leg of all folding bath).
- (6) Blue plastic (value of folding bath).





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(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III : Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date sample received : Jul 04, 2013; Jul 22, 2013; Aug 12, 2013

Testing period : Jul 04, 2013 to Aug 12, 2013

End of report

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To: PLASTMETIC (HONG KONG)
MANUFACTORY LTD

Ref: FC-2013-7392

Attention: MS PANG / GARY

Date: Aug 15, 2013

Re : Report Revision Notification

Intertek Testing Services Report Number HKGH0151903601 Dated Aug 13, 2013

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services report, HKGH0151903601 S1.

Thank you for your attention.

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



Angel Y.F. Cheung
Vice President