



Test Report

Report No.: SZC14112180901-1

Date: Nov. 24, 2014

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Applicant: Gemious Ltd

Address: Dumie Dykes, Backmuir of Liff, By Birkhill, Dundee, DD2 5QR

Report on the submitted sample(s) said to be:

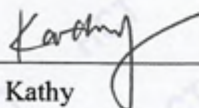
Sample Name: Bermuda Bangle
Sample Description: Black silicone
Sample Material: silicone
Sample No.: QT1411218090101
Sample Received Date: Nov. 21, 2014
Testing Period: Nov. 21, 2014 - Nov. 24, 2014

Test Requested: As specified by client, to determine the migration of specific 19 heavy elements migration in submitted sample with reference to EN 71 part 3:2013.


Test Method: Please refer to the following page(s).

Test Result: Please refer to the following page(s).

Checked by


Kathy

Signed for and on behalf of HCT


Daniel
Laboratory Manager



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Test Results:

Migration of certain elements

Acid extraction method: With reference to EN 71 part 3:2013.

Instruments used for analysis: ICP-OES/ICP-MS/GC-MS/IC/UV-VIS.

Scraped-off toy material -19 heavy elements migration:

Unit: mg/kg

Test Items	MDL	Result	Limit in EN 71-3
Aluminium(Al)	50	N.D.	70000
Antimony(Sb)	10	N.D.	560
Arsenic(As)	5	N.D.	47
Barium(Ba)	50	N.D.	18750
Boron(B)	50	N.D.	15000
Cadmium (Cd)	5	N.D.	17
Chromium (III) (Cr(III))	5	N.D.	460
Chromium (VI) (Cr(VI))	0.2	N.D.	0.2
Cobalt(Co)	10	N.D.	130
Copper(Cu)	50	N.D.	7700
Lead(Pb)	10	N.D.	160
Manganese(Mn)	50	N.D.	15000
Mercury(Hg)	10	N.D.	94
Nickel(Ni)	10	N.D.	930
Selenium (Se)	10	N.D.	460
Strontium(Sr)	50	N.D.	56000
Tin(Sn)	50	N.D.	180000
Organic tin	1	N.D.	12
Zinc(Zn)	50	N.D.	46000

Note:

mg/kg = ppm=parts per million

MDL= Method Detection Limit

N.D.=Not Detected (less than method detection limit)

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The photo of the sample



End

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