

TEST REPORT

Test Report # 17H-001593 Date of Report Issue: March 20, 2017
Date of Sample Received: March 7, 2017 Pages: Page 1 of 9

CLIENT INFORMATION:

Company: Hit Promotional Products
Recipient: Nathan Cotter
Recipient Email: ncotter@hitpromo.net



SAMPLE INFORMATION:

Description: Folding Light Whistle
Assortment: 4 colors Purchase Order Number: 194158
SKU No.: 2048 Agent: Growth-Sonic
Factory No.: 127818 Country of Origin: China
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 6 pcs per style Recommended Age Grade: -
Testing Period: 03/10/2017 – 03/20/2017 Tested Age Grade: -

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

ANSECO GROUP (HK) LIMITED



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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials
PASS	California Proposition 65, Total Lead and Cadmium in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act [#]

Remark:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings and California Proposition 65, Total Lead and Cadmium in Paints and Surface Coatings were not conducted as no paint and similar surface coating found on received sample.

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	ND	ND	ND	ND	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

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DETAILED RESULTS:

California Proposition 65, Total Lead and Cadmium in Substrate Materials

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	11	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	13	14	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Total Lead (Pb)	ND	ND	ND	---	---	100
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8	9+10	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

US Public Law 104-142 Title II, Mercury-Containing Battery Management Act

Test Method: AI|ANSECO Method#

Analytical Method: Atomic Absorption Spectrometry with Cold-Vapor Technique

Button cells

Specimen No.	15	---	---	---	---	Total Limit (mg/cell)
Test Item	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	
Total Mercury (Hg)	ND	---	---	---	---	25
Conclusion	PASS	---	---	---	---	

Note:

mg/cell = Milligrams per cell

LT = Less than

ND = Not detected (Reporting Limit = 2.5 mg/cell)

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black plastic	Body (all styles)
2	Red plastic	Body (red style)
3	Green plastic	Body (green style)
4	Blue plastic	Body (blue style)
5	White plastic	Body (white style)
6	Translucent red plastic	Body (red style)
7	Translucent green plastic	Body (green style)
8	Translucent blue plastic	Body (blue style)
9	Translucent plastic	Body (white style)
10	Transparent plastic	LED (all styles)
11	Silvery metal	Screws (all styles)
12	Dull silvery metal	Key ring (all styles)
13	Matt silvery metal	Small ring of key ring (all styles)
14	Off silvery metal	Chain (all styles)
15	Silvery button cell	Button cell (all styles)

SAMPLE PHOTO:



-End Report-