

TEST REPORT

Company: BIC Graphic
 Address: 14421 Myerlake Circle
 Clearwater
 Florida
 33760
 United States (USA)

Test Report # 15H-05192
 Date of Issue: October 30, 2015
 Pages: Page 1 of 7
 Date Received: October 23, 2015

SAMPLE INFORMATION:

Description:	Safety Shoe Light		
Assortment:	-	Purchase Order Number:	5821
Item No.:	41028	Country of Origin:	China
Country of Distribution:	United States, Canada	Labeled Age Grade:	-
Sample Submitted:	2 pcs per style + 1 lot Parts	Recommended Age Grade:	-
Testing Period:	10/23/2015 – 10/30/2015	Tested Age Grade:	-

OVERALL RESULT:

PASS

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

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act [#]

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
 Manager, Chemical Laboratory

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DETAILED RESULTS:

California Proposition 65, Total Lead in Metal / Plastic / Textile

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced specification.

[Referenced Test Method: CPSC-CH-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1	2	3	4	5	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	---	---	---	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

Pb = Lead
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit = 10ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic	White PP plastic cover (pink/ blue styles)
2	Black plastic	Black PP plastic cover (red/ green styles)
3	Pink soft plastic	Pink TPE switch (pink style)
4	Blue soft plastic	Blue TPE switch (blue style)
5	Green soft plastic	Green TPE switch (green style)
6	Red soft plastic	Red TPE switch (red style)
7	Clear soft plastic	Clear TPU light cover (all styles)

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DETAILED RESULTS:

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

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	3	4	5	6	7	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	ND	ND	ND	1000
BBP	ND	ND	ND	ND	ND	1000
DEHP	ND	ND	ND	ND	ND	1000
DINP	ND	ND	ND	ND	ND	1000
DIDP	ND	ND	ND	ND	ND	1000
DnHP	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DINP = Diisononyl phthalate, DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than
 ND = Not detected (Reporting Limit = 100ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
3	Pink soft plastic	Pink TPE switch (pink style)
4	Blue soft plastic	Blue TPE switch (blue style)
5	Green soft plastic	Green TPE switch (green style)
6	Red soft plastic	Red TPE switch (red style)
7	Clear soft plastic	Clear TPU light cover (all styles)

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DETAILED RESULTS:

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

Analysis performed by Atomic Absorption Spectrometry with Cold-Vapor Technique to determine compliance with the above referenced regulation. [Referenced Test Method: AI|ANSECO Method#]

Button cells

Specimen No.	8	---	---	---	---	Limit Total (mg/cell)
Test Item	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	
Total Hg	ND	---	---	---	---	25
Conclusion	PASS	---	---	---	---	

Note:

Hg = Mercury
 mg/cell = Milligrams per cell
 LT = Less than
 ND = Not detected (Reporting Limit = 1 mg/cell)

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
8	Silvery button cell	Battery (all styles)

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SAMPLE PHOTO:



-End Report-

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