



TEST REPORT

Test Report # 18H-004328 Date of Report Issue: July 4, 2018
 Date of Sample Received: June 19, 2018 Pages: Page 1 of 8

CLIENT INFORMATION:

Company: Calibre International, LLC
 Recipient: Lisa Arismendez
 Recipient Email: LArismendez@highcaliberline.com



SAMPLE INFORMATION:

Description:	The Madison Magnetic Flashlight		
Assortment:	-	Purchase Order Number:	-
SKU/style No.:	L713	Toy Co./Agency:	-
Factory/Supplier/Vendor:	-	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	1 pc per style	Recommended Age Grade:	-
Testing Period:	06/25/2018 – 07/04/2018	Tested Age Grade:	-

OVERALL RESULT:



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

ANSECO GROUP (HK) LIMITED

Loska Yeung Lok Ka
 Assistant Manager, Chemical Laboratory

ANSECO GROUP (HK) LIMITED

Ricky Cheung Chin Yeung
 Manager, Physical Laboratory

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**TEST RESULTS SUMMARY:**

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

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act [#]

**DETAILED RESULTS:****California Proposition 65, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	---	---	1000
Conclusion		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:****Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)**

Test Method: CH-HK-WI063

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry,
Ultraviolet-Visible Spectrophotometry

Specimen No.	4	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Cadmium (Cd)	ND	---	---	---	---	
Chromium VI (Cr VI)	ND	---	---	---	---	
Lead (Pb)	ND	---	---	---	---	
Mercury (Hg)	ND	---	---	---	---	
Sum	ND	---	---	---	---	100
Conclusion	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.

Total Chromium is reported for Chromium (VI) unless specified.



DETAILED RESULTS:

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

Test Method: In-House Method[#]

Analytical Method: Atomic Absorption Spectrometry with Cold-Vapor Technique

Button cells

Specimen No.	5	---	---	---	---	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 = 1 mg/cell)

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Transparent PVC	Flashlight (all styles)
2	Golden plated matt silvery metal	Eyelet (all styles)
3	Matt golden plated silvery metal	Ring of eyelet (all styles)
4	Black printed translucent plastic	Polybag (all styles)
5	Silvery battery	Button cell (all styles)



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SAMPLE PHOTO:



-End Report-

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