

TEST REPORT

Test Report #

23P-003186

Date of Report Issue:

June 21, 2023

Date of Sample Received:

June 14, 2023

Pages:

Page 1 of 9

CLIENT INFORMATION:

Company:

Polyconcept GBS

Address:

4th Floor, Hongqiao Rongguang Building, 11
Changshun Road, Changning District, Shanghai,
200051, PRC

SAMPLE INFORMATION:

Product Name:

Flare Telescopic LED Magnetic Flashlight

Article No.:

1226-24BK

Labeled Age Grade:

-

Order No. (PO No.):

2030047

Client Request Age Grade:

-

Country of Origin:

China

Recommended Age Grade:

-

Country of Distribution:

Canada/United States

Tested Age Grade:

-

Factory No.:

12061

Vendor No.:

10408

Testing Period:

06/14/2023-06/21/2023

OVERALL RESULT:

PASS

Please refer to the following pages for test result summary and appropriate notes.

Hansecontrol Technical Testing Service (Shanghai)
Company Limited

Joyce Liu Justin Zhu

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Manager, Electrical & Electronic Laboratory

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
Pass	19 CFR 134.11-Country of Origin-Labeling Review
Pass	Polyconcept-Chemical Requirements-Report Review (Non-Full Compliance)
Pass	California Proposition 65, Total Lead in Substrate Materials
Pass	Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery
Pass	US State Law of Rhode Island (Title 23 Chapter 23-24.9-6), Mercury Content in Button Cell Batteries
Pass	US State Law of Maine (Title 38 Section 1661-C (9)), Mercury Content in Button Cell Batteries
Pass	US State Law of Connecticut (CGS Section 22a-616(e)), Mercury Content in Button Cell Batteries
Pass	Client's Requirement, 10 Phthalates

DETAILED RESULTS:**19 CFR 134.11-Country of Origin-Labeling Review**

Test	Criteria	Result	Conclusion
Country of Origin Marking	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Shall be visible at point of purchase.	Made in China	Pass

Polyconcept-Chemical Requirements-Report Review (Non-Full Compliance)

Requirement	Laboratory	Report Number	Issue Date	Compliance
Canadian Environmental Protection(S.C. 1999,C.33), Regulations(SOR/2014-254) Mercury (Hg)	SGS-CSTC Standards Technical Services Shanghai Co.,Ltd.	SHAEC2103804904	22.May.2021	Pass
US Mercury-Containing Battery Management Act Public Law 104-142(1996)-Mercury (Hg)	SGS-CSTC Standards Technical Services Shanghai Co.,Ltd.	SHAEC2103804904	22.May.2021	Pass

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.	3+6	2+4+5	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	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.

Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery

Test Method: In House Method

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Mercury (Hg)	ND	---	---	---	---	5
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 = 1 ppm)

DETAILED RESULTS:**US State Law of Rhode Island (Title 23 Chapter 23-24.9-6), Mercury Content in Button Cell Batteries**

Test Method: AI|ANSECO Method

Analytical Method: Atomic Absorption Spectrometry with Cold-Vapor Technique

Specimen No.	1	---	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	ND
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligram per kilogram

LT = Less Than

ND = Not Detected (Detection limit = 5 mg/kg)

US State Law of Maine (Title 38 Section 1661-C (9)), Mercury Content in Button Cell Batteries

Test Method: AI|ANSECO Method

Analytical Method: Atomic Absorption Spectrometry with Cold-Vapor Technique

Specimen No.	1	---	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	ND
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligram per kilogram

LT = Less Than

ND = Not Detected (Detection limit = 5 mg/kg)

DETAILED RESULTS:**US State Law of Connecticut (CGS Section 22a-616(e)), Mercury Content in Button Cell Batteries**

Test Method: In-House Method

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	ND
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

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

DETAILED RESULTS:**Client's Requirement, 10 Phthalates**

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		2+4+5	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
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
Diisobutyl phthalate (DIBP)	84-69-5	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-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

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

LT = Less than

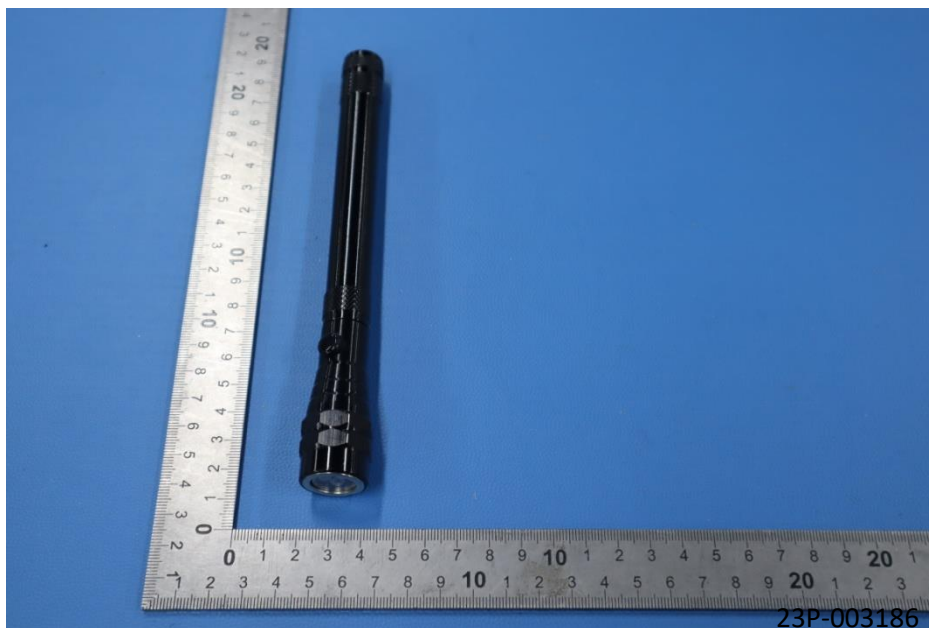
ND = Not detected (Reporting Limit = 300 mg/kg)

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

SPECIMEN DESCRIPTION :

Specimen No.	Specimen Description	Location
1	Button cell	-
2	Transparent plastic	Lampshade
3	Silver metal	Lampshade ring
4	Black soft plastic	Button
5	Black soft plastic	Washer
6	Silver metal	Body

SAMPLE PHOTO:



-End Report-

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