

TEST REPORT

No.:ED180129012C

Date: February 01, 2018

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Applicant : USC056
Address :
Sample Name : Power bank
Style/Item No. : SP0363
Sample Received Date : January 29, 2018
Testing Completed Date : February 01, 2018

Test Requested : 1. As requested by client, according to the Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), to determine the Lead content in the submitted sample.
2. As requested by client, according to the Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), to determine the contents of the regulated phthalates in the submitted sample.
3. As requested by client, according to California Proposition 65, to determine the Cadmium content in the submitted sample.
4. As requested by client, according to California Proposition 65, to determine the Lead content in the submitted sample.
5. As requested by client, according to California Proposition 65, to determine the contents of the phthalates in the submitted sample.

Test Results : Please refer to next page(s).

Executive Summary:

STANDARD	CONCLUSION
1. Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Total Lead (Pb) Requirement for children's products	PASS
2. Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates Requirement for toys and childcare articles	PASS
3. California Proposition 65 - Cadmium content (Client's Requirement)	PASS
4. California Proposition 65 - Lead contents (Client's Requirement)	PASS
5. California Proposition 65 - Phthalates contents (Client's Requirement)	PASS

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by: Kira
Kira Fu
Report Engineer

Reviewed by: Carrie
Carrie Zhang
Supervisor

Approved by: Jason
Jason Hu
Manager

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Test Results:

1. Lead contents: Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA)

Total Lead content in Coating:

Test Method: To refer to the test method CPSC-CH-E1003-09.1, the analysis was performed by AAS / ICP-OES.

Test Item	: Lead (Pb)
Requirement	: 90 mg/kg
Reporting limit	: 2 mg/kg
Test Item No.	1/2
Test Result (mg/kg)	ND

Total Lead content in Substrate:

Test Method: To refer to the test method CPSC-CH-E1002-08.3, the analysis was performed by AAS / ICP-OES.

Test Item : Lead (Pb)			
Requirement : 100 mg/kg			
Reporting limit : 2 mg/kg			
Test Item No.	3	4/5/6	7
Test Result (mg/kg)	ND	ND	ND

Note: mg/kg = part per million = ppm ND = Not Detected (Less than Reporting limit value.)

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Test Results:

2. Phthalates contents: Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA)

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC:
CPSC-CH-C1001-09.3, the analysis was performed by GC / MS.

➤ Section 108(a) - Phthalate contents in the components of CHILDREN'S TOYS or CHILDCARE ARTICLE

Test Item	Di-2-ethylhexyl phthalate (DEHP)	Dibutyl phthalate (DBP)	Benzylbutyl phthalate (BBP)
Reporting Limit (mg/kg)	30	30	30
Requirement (mg/kg)	EACH : 1000		
Test Item No.	Test Result (mg/kg)		
1/2	101	ND	ND
3	ND	ND	ND
4/5/6	ND	ND	ND
7	ND	ND	ND

➤ Section 108(b)(1) - Phthalate contents in the components of CHILDREN'S TOYS that can be placed in a child's mouth or CHILDCARE ARTICLE.

Test Item	Diisononyl phthalate (DINP)	Diisodecyl phthalate (DIDP)	Di-n-octyl phthalate (DNOP)
Reporting Limit (mg/kg)	50	50	30
Requirement (mg/kg)	EACH : 1000		
Test Item No.	Test Result (mg/kg)		
1/2	ND	ND	ND
3	ND	ND	ND
4/5/6	ND	ND	ND
7	ND	ND	ND

Note: mg/kg = part per million = ppm ND = Not Detected (Less than Reporting limit value.)

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Test Results:

3. Cadmium contents: California Proposition 65

Test Method: To refer to EPA 3052:1996, the analysis was performed by ICP-OES.

Test Item	: Cadmium (Cd)			
Client's Requirement	: 200 mg/kg			
Reporting limit	: 2 mg/kg			
Test Item No.	1/2	3	4/5/6	7
Test Result (mg/kg)	ND	ND	ND	ND

Note: mg/kg = part per million = ppm ND = Not Detected (less than Reporting limit)

4. Lead contents: California Proposition 65

Test method: To refer to the test method CPSC-CH-E1003-09.1 & CPSC-CH-E1002-08.3, the analysis was performed by AAS / ICP-OES.

Test Item	: Lead (Pb)			
Client's Requirement	: 200 mg/kg			
Reporting limit	: 2 mg/kg			
Test Item No.	1/2	3	4/5/6	7
Test Result (mg/kg)	ND	ND	ND	ND

Note: mg/kg = part per million = ppm ND = Not Detected (less than Reporting limit)

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Test Results:

5. Phthalates contents: California Proposition 65

Test method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.3, the analysis was performed by GC / MS.

Test Item	Test Result (mg/kg)				Reporting Limit (mg/kg)	Client's Requirement (mg/kg)
	1/2	3	4/5/6	7		
Diisononyl phthalate(DINP)	ND	ND	ND	ND	50	1000
Diisobutyl phthalate(DIBP)	ND	ND	ND	ND	30	1000
Di-n-pentyl phthalate(DPENP)	ND	ND	ND	ND	30	1000
Di-n-hexyl phthalate(DHEXP)	ND	ND	ND	ND	30	1000
Dicyclohexyl phthalate(DCHP)	ND	ND	ND	ND	30	1000
Di-2-ethylhexyl phthalate(DEHP)	101	ND	ND	ND	30	1000
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	1000
Di-n-octyl phthalate(DNOP)	ND	ND	ND	ND	30	1000
Diisodecyl phthalate(DIDP)	ND	ND	ND	ND	50	1000
Diethyl phthalate(DEP)	ND	ND	ND	ND	30	1000

Note: mg/kg = part per million = ppm

ND = Not Detected (Less than Reporting limit)

Tested Materials:

No.	Description
1	Matt black / silver overlap coating on plastic (ends)
2	Black / silver overlap coating on plastic (shell)
3	Silver / black plastic sticker (end)
4	Translucent hard plastic (shell / ends)
5	Beige hard plastic (socket)
6	Black hard plastic (button)
7	Grey fabric back with black plastic film (shell)

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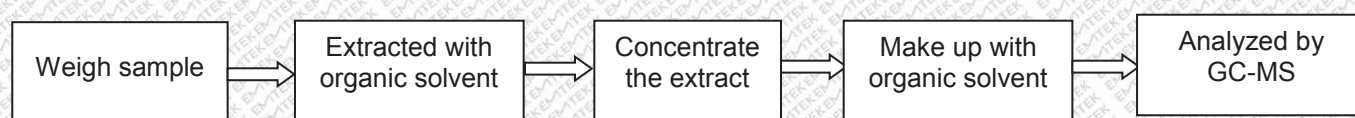
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Test Flowchart

Pb/Cd Test Process:



Phthalates Test Process:



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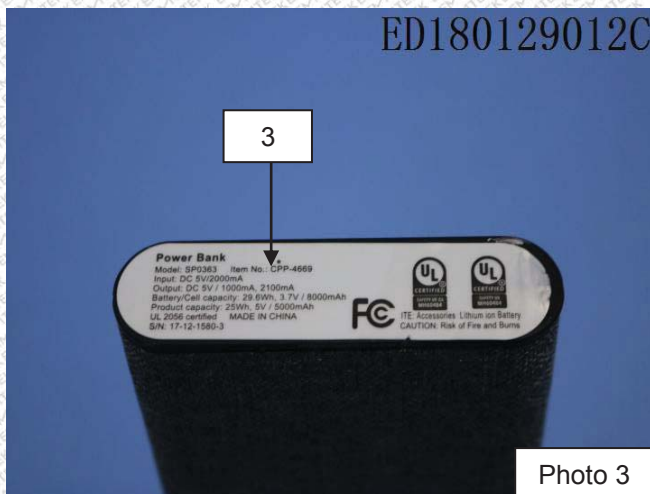
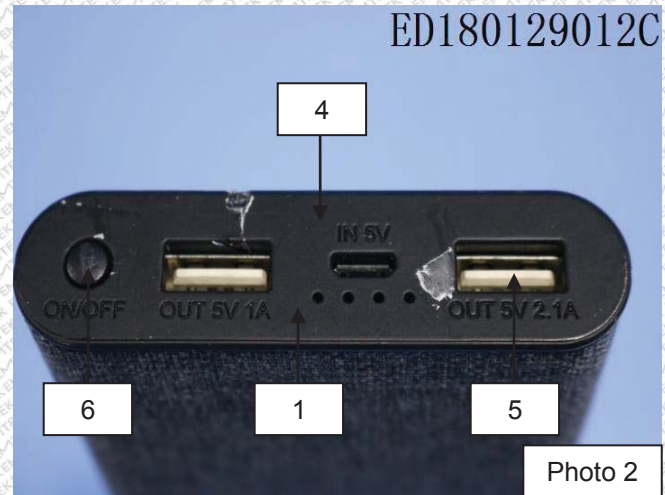
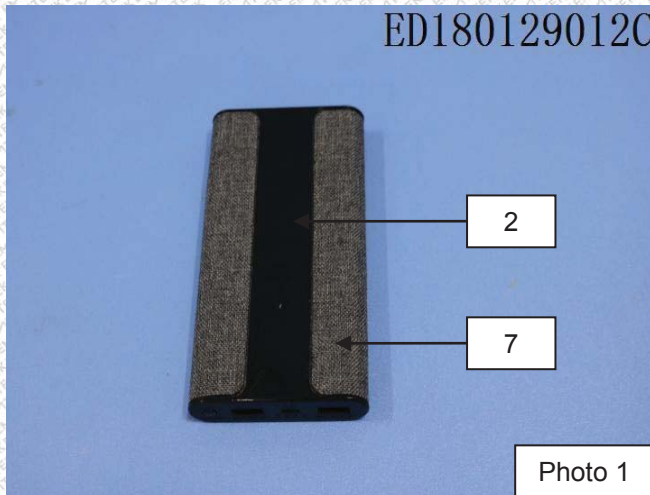
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Photo Appendix



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