

TEST REPORT

No.: ED190422995C009

Date: June 24, 2019

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Applicant : SHENZHEN GREATFAVONIAN ELECOTRONIC CO.,LTD
Address : 5F,TONGFUYU INDUSTRIAL PARK,LEZHUJIAO,ZHOUSHI ROAD,
 BAOAN DISTRICT,SHENZHEN,GUANGDONG,CHINA 518126
Sample Name : Controller
Style/Item No. : C004
Material : Plastic
Supplier : Shenzhen Greatfavonian Elecotronic Co.,Ltd
Description : Black color, 13 keys, wireless
Sample Received Date : April 22, 2019
Testing Completed Date : June 24, 2019

Test Requested : 1. As requested by the 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 the 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.

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

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

Prepared by:

Cherry
Cherry Zhu
Report Engineer

Reviewed by:

Carrie
Carrie Zhang
Supervisor

Approved by:

Lisa
Lisa Li
Manager

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Test Results:

1. Total Lead content in Surface 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.	8
Test Result (mg/kg)	ND

Total Lead contents in Substrate:

Test Method: To refer to the test method CPSC-CH-E1001-08.3 & 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.	1	2	3	4	5
Test Result (mg/kg)	ND	ND	ND	ND	ND

Test Item : Lead (Pb)			
Requirement : 100 mg/kg			
Reporting limit : 2 mg/kg			
Test Item No.	6	7	9
Test Result (mg/kg)	ND	ND	18

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

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Test Results:

2. Phthalates contents:

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC / MS.

Test Item	Test Result (mg/kg)				Reporting Limit (mg/kg)	Requirement (mg/kg)
	1/2	3/4/5	6/7	8		
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	ND	30	1000
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	1000
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

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

Tested Materials:

No.	Description
1	White hard plastic with black printing (shell / button)
2	Black hard plastic with white printing (shell / button)
3	Black hard plastic (switch)
4	Black hard plastic (socket)
5	Black hard plastic (connector of antenna)
6	Black soft plastic (antenna)
7	Black soft plastic (feet pad)
8	Black coating on the metal (rivet of antenna)
9	Silver metal (socket)

Note: As specified by client, the composite test was performed for the phthalates testing of the submitted sample.

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Photo Appendix



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