

TEST REPORT

No.: ED190717032C002

Date: July 30, 2019

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Applicant : eKids, LLC. / KIDDESIGNS INC.
Address : 1299, Main Street, Rahway, NJ 07065, U.S.A.
Sample Name : DISNEY FROZEN II LIGHT AND MUSIC SET
Style/Item No. : FR-300, FR-300.11Mv9M (FR-V111, FR-V124, FR-V165)
Factory : DJ Toys
Destination : EU
Country of Origin : CHINA
Sample Received Date : July 17, 2019
Testing Completed Date : July 30, 2019

Test Requested : 1. As requested by the client, according to the Entry 23 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009, to determine the Cadmium content in the submitted sample.
2. As requested by the client, according to the Entries 51 & 52 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009 & (EU) 2018/2005, to determine the contents of the regulated phthalate in the submitted sample.

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

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Executive Summary:

	STANDARD	CONCLUSION
1.	The Entry 23 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009 – Cadmium content	PASS
2.	Entries 51 & 52 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment NO.552/2009 & (EU) 2018/2005 (Formerly Known As Directive 2005/84/EC) – Phthalates Requirement for toys and childcare articles	PASS

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

Prepared by: Kay
Kay Li
Report Engineer

Reviewed by: Carrie
Carrie Zhang
Supervisor

Approved by: Lisa Li
Lisa Li
Manager

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Test Results:

1. Cadmium content

Test Method: To refer to EN 1122:2001 & EPA 3052:1996 & EPA 3050B:1996, the analysis was performed by ICP-OES.

Test Item	: Cadmium (Cd)						
Requirement	: 100 mg/kg						
Reporting limit	: 2 mg/kg						
Test Item No.	1	2/3/4	5/6/7	8	9/10/11	12/13	14/15/16
Test Result (mg/kg)	ND	ND	ND	ND	ND	ND	ND

Test Item	: Cadmium (Cd)					
Requirement	: 100 mg/kg					
Reporting limit	: 2 mg/kg					
Test Item No.	17/18	19	20	21	22/23	24/25
Test Result (mg/kg)	ND	ND	ND	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

Test Method: With reference to the standard EN 14372: 2004 (clause 6.3.2), the analysis was performed by Gas Chromatography Mass Spectrometry (GC / MS).

➤ Entry 51: Phthalate contents in plasticized materials in TOYS and CHILDCARE ARTICLES

Test Item	Result(mg/kg)				Reporting Limit (mg/kg)	Requirement (mg/kg)
	1	2/3/4	5/6/7	9/10/11		
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	ND	30	SUM : 1000
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	30	

Test Item	Result(mg/kg)				Reporting Limit (mg/kg)	Requirement (mg/kg)
	12/13	14/15/16	17/18	19		
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	ND	30	SUM : 1000
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	30	

Test Item	Result(mg/kg)				Reporting Limit (mg/kg)	Requirement (mg/kg)
	20	21	22/23	24/25		
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	ND	30	SUM : 1000
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	30	

➤ Entry 52: Phthalate contents in plasticized materials in TOYS and CHILDCARE ARTICLES which can be placed in the mouth by children

Test Item	Result(mg/kg)			Reporting Limit (mg/kg)	Requirement (mg/kg)
	1	2/3/4	5/6/7		
Diisononyl phthalate(DINP)	ND	ND	ND	50	SUM : 1000
Diisodecyl phthalate(DIDP)	ND	ND	ND	50	
Di-n-octyl phthalate (DNOP)	ND	ND	ND	30	

Note: mg/kg = parts per million = ppm

ND = Not Detected (less than Reporting limit)

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Tested Materials:

No.	Description
1	Blue coating on plastic (button / indicator)
2	Blue hard plastic (shell / microphone)
3	White hard plastic (knob / buckle / frame of button)
4	White hard plastic (microphone)
5	White soft plastic (handle)
6	White soft plastic (tail buckle)
7	Black soft plastic (skin)
8	Silver metal (battery cover)
9	Brown hard plastic (fixed part of screw, inner)
10	Black hard plastic (buckle, inner)
11	Beige hard plastic (microphone, inner)
12	Green hard plastic (speaker, inner)
13	Black hard plastic (socket, inner)
14	White soft plastic (electronic wire, inner)
15	Brown soft plastic (electronic wire , inner)
16	Purple soft plastic (electronic wire, inner)
17	Black soft plastic (electronic wire, inner)
18	Red soft plastic (electronic wire, inner)
19	Transparent plastic film (speaker, inner)
20	Green soft plastic with grey printing (capacitor, inner)
21	Black soft plastic (capacitor, inner)
22	Green PCB (microphone, inner)
23	Brown PCB (PCB, inner)
24	Brown PCB (button, inner)
25	Green PCB (speaker, inner)

Note: As specified by the client, the samples were subjected to mixed testing.

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Photo Appendix



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5. 如果本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。

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