

## Test Report

Report No. : TCT170606C006

Date : Jun. 14, 2017

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**Applicant:** MEVE INTERNATIONAL(HK) LIMITED  
**Address:** 5 floor, building E, Xiantian Building, Hongshiqiao Industrial park, Yantian, Fenggang Town, Dongguan, Guangdong, China

The following sample was submitted and identified by/on behalf of the client as:

**Sample Name:** FIDGET TOY  
**Model No.:** TROIKA Spinner, KLIP Spinner, Fidget Cube  
**Sample Received Date:** 2017.06.06  
**Testing Period:** 2017.06.06—2017.06.14  
**Test Requested:**  

1. As specified by the client, to determine total Lead (Pb) content in Accessible Substrate Materials of the submitted sample.
2. As specified by the client, to determine certain phthalates content in the submitted sample.

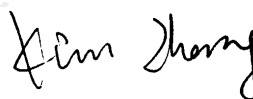
**Test Method:** Please refer to the following page(s).  
**Test Result(s):** Please refer to the following page(s).  
**Conclusion:** Based on the analysis on the submitted samples, the test results comply with CPSIA requirement.

Checked by



Chris Zhong

Signed for and on behalf of TCT



Kim Zhang  
Technical Manager



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## Test Results:

### 1. CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)	Lead (Pb)
Permissible Limit **(ppm)	100
Specimen Description	Result(s)(ppm)
1. Silvery color metal	ND
2. Silvery color metal	ND
3. White plastic + 4. Black plastic + 5. White plastic	ND
6. Silvery color metal	ND

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

The requirements for lead in substrate in children's products are summarized below:

Scope	Requirement	Date of Manufacture
Lead in accessible substrate	≤ 300ppm	Before 14 Aug 2011
	≤ 100ppm	After 14 Aug 2011

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - "+" = Composite test has been performed as per client's request and the result(s) is (are) calculated using the minimum specimen weight

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### 2. CPSIA – Phthalates Content

Method: With reference to CPSC-CH-C1001-09.3

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Accessible Materials can be placed in the Mouth

Test Item(s)	3+4+5	Permissible Limit
Dibutyl Phthalate (DBP)	ND	0.1%
Benzylbutyl Phthalate (BBP)	ND	0.1%
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	0.1%
Diisononyl Phthalate (DINP)	ND	0.1%
Di-n-octyl Phthalate (DNOP)	ND	0.1%
Diisodecyl Phthalate (DIDP)	ND	0.1%
<b>Comment</b>	<b>PASS</b>	--

#### Specimen Description:

1. White plastic
2. Black plastic
3. White plastic

- Note:
- % = percentage by weight
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - 1% = 10000 mg/kg = 10000 ppm
  - MDL for each of DBP, BBP, DEHP, DNOP and DnHP = 0.003%
  - MDL for each of DINP and DIDP = 0.010%
  - "+" = Composite test has been performed as per client's request and the result(s) is (are) calculated using the minimum specimen weight.

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### Photo(s) of the sample(s)

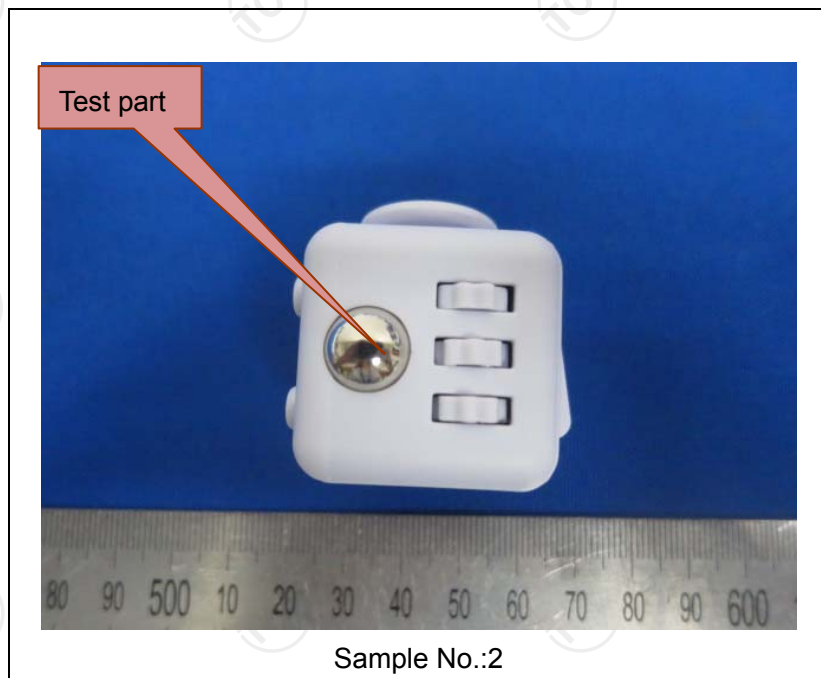
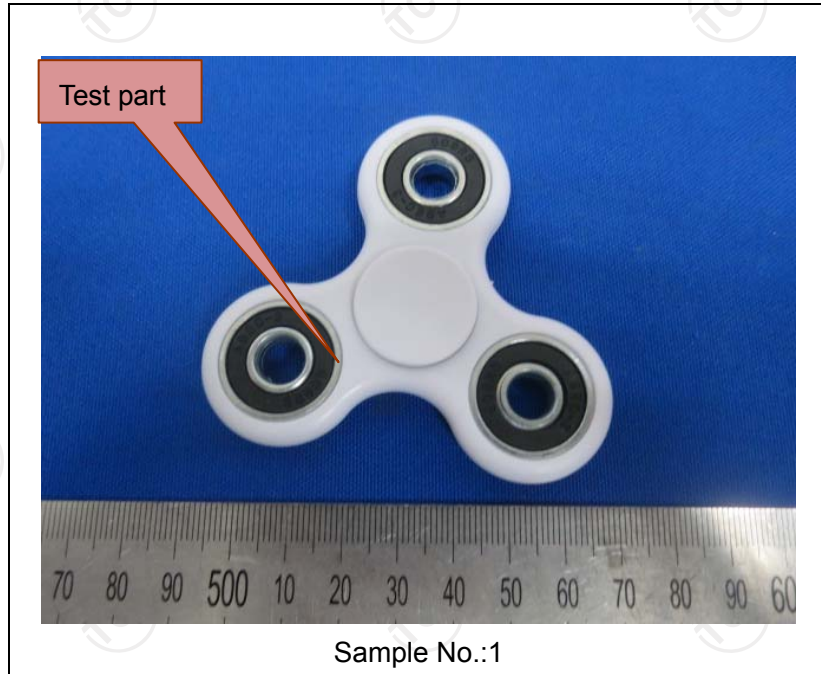


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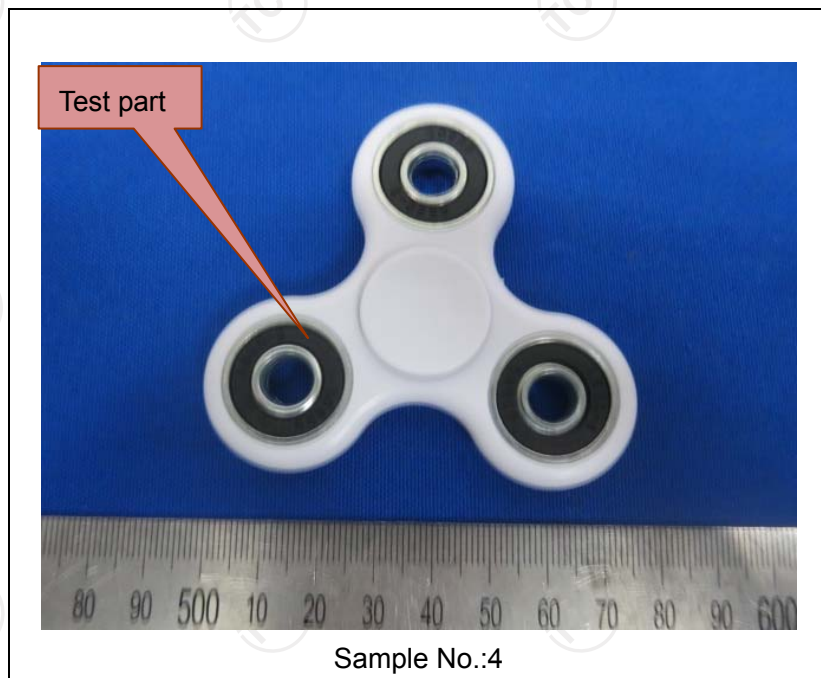
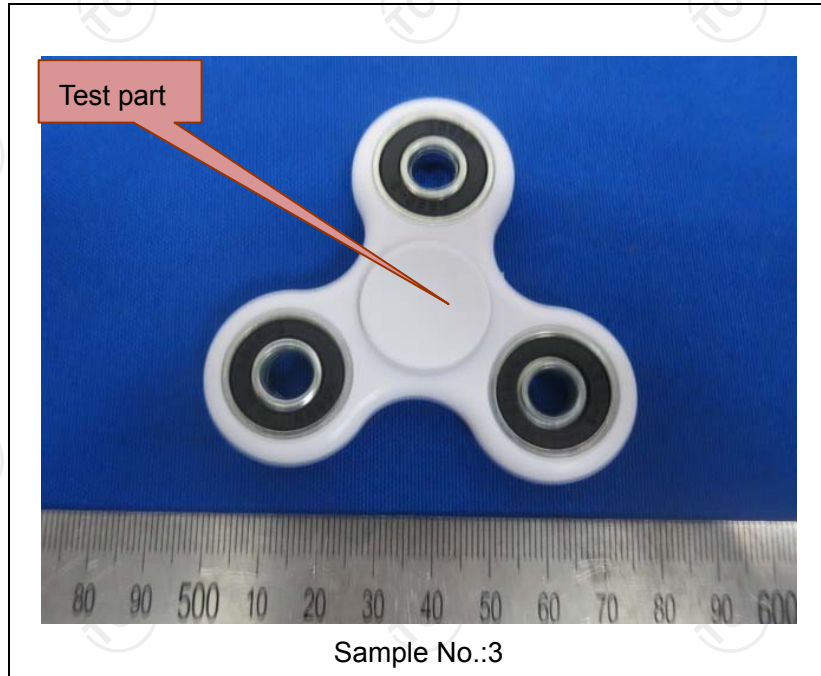


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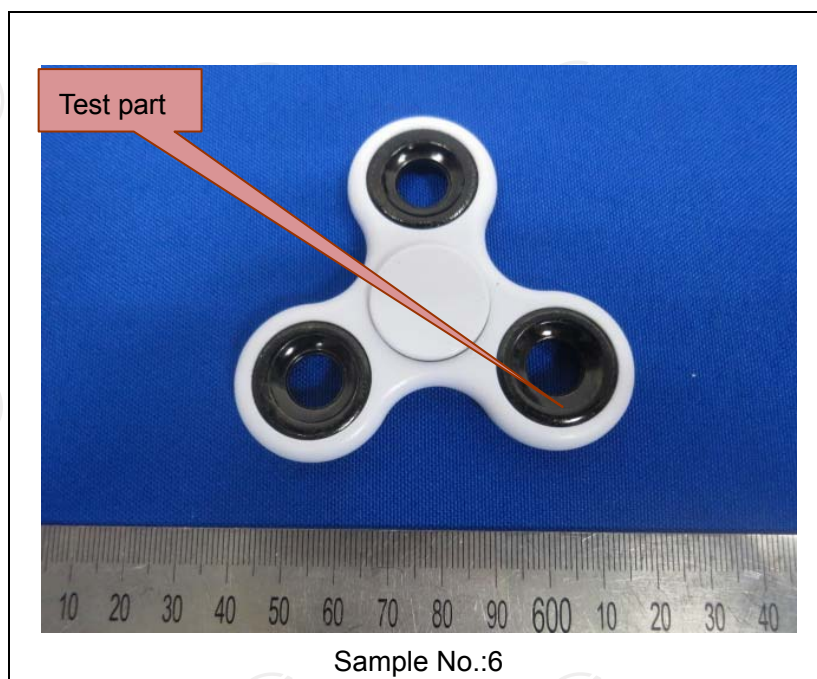
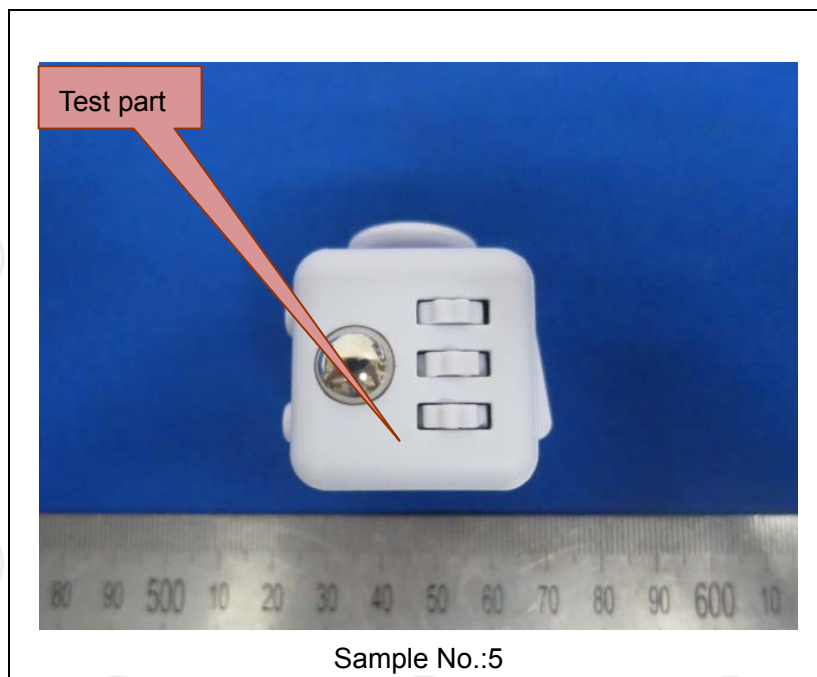


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**\*\*\* End of Report \*\*\***

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