



# TEST REPORT

**Holder of Certificate** : VitaCig Inc.  
**Address** : 433 North Camden Drive 6th Floor Beverly Hills California 90210 USA

**Report on the submitted sample said to be:**

**Sample Name** : VITAMINE ELECTRONIC CIGARETTES  
**Sample No.** : Marvelous Mint, Vintage Vanilla, Cool Citrus, Charming Cherry, Boisterous Berry, Succulent Strawberry  
**Manufacturer** : SURPASS INTERNATIONAL TECHNOLOGY LTD  
**Address** : 603, Fuman Science Building, Qiaotou, Fuyong, Bao'an, Shenzhen, China

**Trademark** : 

**Sample Received Date** : May 16, 2016  
**Testing Period** : May 16, 2016 to May 18, 2016

<b>Test Request</b> :	1. As specified by client, test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs) and Polybrominated Diphenyl Ethers(PBDEs) content in the submitted samples in accordance with RoHS 2011/65/EU.	<b>Conclusion:</b> Pass
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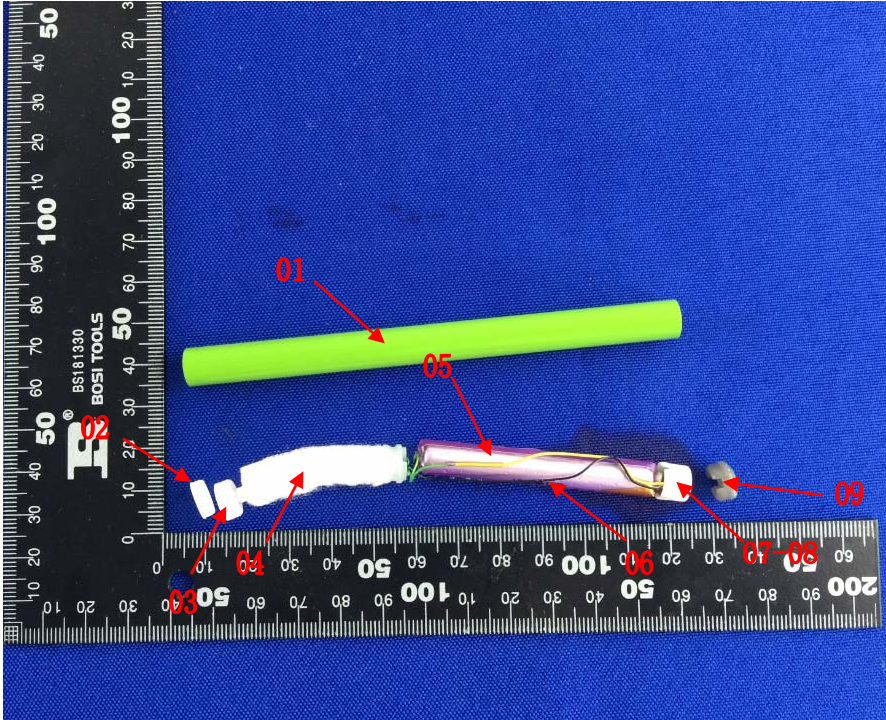
**Test Result(s):** Please refer to the following page(s);

**Test Method:** Please refer to the following page(s);

Wrote by: Jerry Zuo Reviewed by: Randy Wang  
 Approved by: Helen Johnson Date: May 20, 2016



**Test Item Description and Photo List:**

Test Item(s)	Sample Photo(s)	Item / Component Description(s)
01		Metal tobacco stems
02		Antibacterial mouthpiece
03		Transparent rubber stopper
04		Atomizer
05		Lithium battery
06		Internal wire
07		White plastic lid
08		Control chip
09		Gray plastic cover



### TEST RESULT

#### European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

**Test Method :** See Appendix.

**See Analytes and their corresponding Maximum Allowable Limit in Appendix**

Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
01	N.D.	N.D.	N.D.	N.D.	NA	NA	PASS
02	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
03	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
04	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
05	N.D.	N.D.	N.D.	N.D.	NA	NA	PASS
06	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
07	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
08	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
09	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

**Note / Key:**

N.D. = Not detected;

NA = Not requested;

% = percent;

10000 mg/kg = 1 %;

mg/kg = milligram(s) per kilogram = ppm = part(s) per million ;



Detection Limit : See Appendix.

Remark(s):

- The testing approach is listed in table of Appendix.
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to European Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- Tested part(s) was/were specified by client.

**APPENDIX****List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [for European Council Directive 2011/65/EU ] :**

No.	Name of Analytes	Detection Limit (mg/kg)				Wet Chemistry	Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF)[a]					
		Plastic	Metallic / glass / ceramic	Others			
1	Lead (Pb)	100	200	200	10[b]	1000	
2	Cadmium (Cd)	50	50	50	10[b]	100	
3	Mercury (Hg)	100	200	200	10[c]	1000	
4	Chromium (Cr)	100	200	200	NA	NA	
5	Chromium VI (Cr VI)	NA	NA	NA	3[g] /10[d] See [e, i]	1000 / Negative [i]	
6	Bromine (Br)	200	NA	200	NA	NA	
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 [f]	Sum 1000	
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 [f]	Sum 1000	





XRF screening limits for different materials:					
Materials	Concentration (mg/kg)				
	Cd	Cr	Pb	Hg	Br
Metal	P≤70<X<130≤F	P≤700<X	P≤700<X<1300≤F	P≤700<X<1300≤F	NA
Polymers	P≤70<X<130≤F	P≤700<X	P≤700<X<1300≤F	P≤700<X<1300≤F	P≤300<X
Composite material	P≤50<X<150≤F	P≤500<X	P≤500<X<1300≤F	P≤500<X<1300≤F	P≤250<X

P=Pass; F=Fail; X=Inconclusive result

**List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [for European Council Directive 2011/65/EU ] :**

NA = Not applicable

- [a] Test method with reference to IEC 62321-3-1:2013.
- [b] Test method with reference to IEC 62321-5:2013.
- [c] Test method with reference to IEC 62321-4:2013.
- [d] Polymers and Electronic-Test method with reference to European standard IEC 62321:2008 Annex C.
- [e] Metal-Test method with reference to European standard IEC 62321:2008 Annex B[h].
- [f] Test method with reference to European standard IEC 62321:2008 Annex A.
- [g] Leather-Test method International standard ISO 17075:2007
- [h] The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.
- [i] Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).

**Testing Approach [ Compliance Test for European Council Directive 2011/65/EU ] :**

The testing approach was with reference to the following document(s).

1	International standards IEC 62321-1:2013 and IEC 62321-2:2013
2	“RoHS Enforcement Guidance Document Version 1” by EU RoHS Enforcement Authorities Informal Network. (May 2006)
3	“RoHS Regulations - Government Guidance Notes” by United Kingdom Department for Business Innovation & Skills. (February 2011)
4	“Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium” by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

Sample (s) Photo:



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