



# TEST REPORT

LAB NO. : (9315)232-0825-R1  
DATE : Aug 26, 2015  
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The report is amendment of and supersedes the previous report (9315)232-0825 dated Aug 25, 2015

**APPLICANT** : **CHANG LONG SILICONE RUBBER PRODUCTS CO., LTD**  
NO. 38 HONG JI ROAD, DONGFENG TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, CHINA

**CONTACT PERSON** : SUNNY CHEN

**DATE OF SUBMISSION** : Aug 20, 2015

**TEST PERIOD** : Aug 20, 2015 to Aug 25, 2015

**NO. OF WORKING DAYS** : 4

**SAMPLE DESCRIPTION** : Pacifier fitting  
Style no. / Model no.: Clip

**MANUFACTURER** : Chang Long Silicone Rubber Products Co., Ltd  
No. 38 Hongji Road, Dongfeng Town, Zhongshan City, Guangdong Province, China

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Heavy Metals and Flame Retardants Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	

RW

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

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NINA REN  
SECTION MANAGER

**REMARK**

If there are questions or concerns on this report, please contact the following persons:

- |                     |                                    |
|---------------------|------------------------------------|
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Photo of the Submitted Sample





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## TEST RESULT

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

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Test Method : See Appendix.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1	Light golden plated silvery metal	-	-

See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Metallic material
	Type II	Glass or ceramic material
	Type III	Other non-metallic material except Type II

-	Unit	Req.	Result
Test Item(s)	-	-	1
Type	-	I	I
Parameter	-	-	-
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	-	Negative	Negative*
<b>Conclusion</b>	-	-	<b>PASS</b>

Note / Key :

ND = Not detected	">" = Greater than	Req. = Requirement
NR = Not requested	mg/kg = milligram(s) per kilogram = ppm = part(s) per million	
NA = Not Applicable	10000 mg/kg = 1 %	% = percent

Detection Limit (mg/kg) :  
For Type I - Each (Pb, Cd & Hg) 2  
For Type II - Each (Pb, Cd, Hg & Cr VI) 2  
For Type III - Each (Pb, Cd, Hg & Cr VI) 2; Each PBBs 50; Each PBDEs 50

Remark :

- The list of analytes is summarized in table of Appendix.
- The test flowchart of heavy metals and flame retardants content 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).
- 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.

END



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### APPENDIX

<b>List of Analytes and their Corresponding Test Methods</b> [ European Parliament and Council Directive 2011/65/EU ] :		
<b>No.</b>	<b>Name of Analyte(s)</b>	<b>Test Method(s)</b>
1	Lead (Pb)	With reference to International Standard IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013.
4	Chromium VI (Cr VI)	<u>Metal</u> : With reference to European Standard EN 62321: 2009, Annex B <sup>[a]</sup> . <u>Polymers &amp; Electronics</u> : With reference to European Standard EN 62321: 2009, Annex C. <u>Leather</u> : International Standard ISO 17075: 2007 <u>Other than Metal, Polymers, Electronics &amp; Leather</u> : With reference to International Standard ISO 17075: 2007
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to European Standard EN 62321: 2009, Annex A.
6	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)	
[a]	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.	



**Test Flowchart of Heavy Metals and Flame Retardants Content  
[ European Parliament and Council Directive 2011/65/EU ] :**

