

TEST REPORT

Report No.: CCI230300102EN Page 1 of 4 Report Date: Mar. 07, 2023

Applicant Zhong Shan Supersense Tech.Ltd

Room 1217, 12th floor, Beiji building, No. 6, Xiangxing Road, Torch Development Zone, Address

Zhongshan City, Guangdong Province

(The following sample(s) was (were) submitted and identified by client as)

Sample Name Smart underpants

Model/Item No. SuperSense N1

Series Model No. : SuperSense N2, N3...

Zhong Shan Supersense Tech.Ltd Manufacturer

Test Period From Mar. 01, 2023 to Mar. 06, 2023

Tests Conducted As requested by the applicant, for details refer to next page(s).

Executive Summary:

No.	TESTED SAMPLE	STANDARD	CONCLUSION
1	Tested material(s) of submitted sample(s)	Pb, Cd, Hg, CrVI, PBBs and PBDEs - Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 and its subsequent amendments	PASS
2	Tested material(s) of submitted sample(s)	Phthalates - Commission Delegated Directive (EU) 2015/863 of 31 March 2015	PASS

Signed for and on behalf of

Compliance Control Institute (Guangzhou) Co., Ltd.

Approved by:

Pascal SHI/Technical Director and Conditions of Testing which could be obtained / consulted by



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1.1. Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))

Test Method: With reference to IEC62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, was analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and Ultraviolet-visible Spectrophotometer (UV-Vis).

Tool Homo	Unit	RL	Limit	Test Result	
Test Items				1	
Lead(Pb)	mg/kg	2	1000	N.D.	
Cadmium(Cd)	mg/kg	2	100	N.D.	
Mercury(Hg)	mg/kg	2	1000	N.D.	
Hexavalent Chromium (Cr(VI))	mg/kg	2	1000	N.D.	
Conclusion				PASS	

1.2. Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs)

Test Method: With reference to IEC 62321-6:2015, was analyzed by Gas Chromatography-Mass Spectrometry (GC-MS).

T	1124	RL		Test Result	
Test Items	Unit		Limit	1	
Mono-bromobiphenyl	mg/kg	5	/	N.D.	
Di-bromobiphenyl	mg/kg	5	/	N.D.	
Tri-bromobiphenyl	mg/kg	5	/	N.D.	
Tetra-bromobiphenyl	mg/kg	5	/	N.D.	
Penta-bromobiphenyl	mg/kg	5	/	N.D.	
Hexa-bromobiphenyl	mg/kg	5	/	N.D.	
Hepta-bromobiphenyl	mg/kg	5	/	N.D.	
Octa-bromobiphenyl	mg/kg	5	/	N.D.	
Nona-bromobiphenyl	mg/kg	5	/	N.D.	
Deca-bromobiphenyl	mg/kg	5	/	N.D.	
Polybrominated Biphenyls (PBBs)	mg/kg	/	1000	N.D.	
Mono-bromodiphenyl ether	mg/kg	5	/	N.D.	
Di-bromodiphenyl ether	mg/kg	5	/	N.D.	
Tri-bromodiphenyl ether	mg/kg	5	/	N.D.	
Tetra-bromodiphenyl ether	mg/kg	5	/	N.D.	
Penta-bromodiphenyl ether	mg/kg	5	/	N.D.	
Hexa-bromodiphenyl ether	mg/kg	5	/	N.D.	
Hepta-bromodiphenyl ether	mg/kg	5	/	N.D.	

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Tool Home	Unit RL	Di	Limit	Test Result
Test Items		KL		1
Octa-bromodiphenyl ether	mg/kg	5	/	N.D.
Nona-bromodiphenyl ether	mg/kg	5	/	N.D.
Deca-bromodiphenyl ether	mg/kg	5	/	N.D.
Polybrominated DiphenylEthers (PBDEs)	mg/kg	1	1000	N.D.
Conclusion				PASS

2. Phthalates (DBP, BBP, DEHP, DIBP)

Test Method: With reference to IEC 62321-8:2017, was analyzed by Gas Chromatography-Mass Spectrometry (GC-MS).

Tool Substances	CAS No.	Unit	RL	Limit	Test Result
Test Substances					1
Dibutyl phthalate (DBP)	84-74-2	mg/kg	20	1000	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	mg/kg	20	1000	N.D.
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	20	1000	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	20	1000	N.D.
Conclusion					PASS

Note:

- 1. mg/kg = milligram per kilogram (ppm).
- 2. "/"= not specified.
- 3. RL = reporting limit.
- 4. N.D. = not detected (less than RL).

Test Material(s) List

Material No.	Description	Location
1	Grey fabric	Smart underpants

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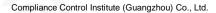
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Photo Appendix



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