

Applicant name:	Navi Inovasyon Teknoloji Ticaret Limited Şirketi
Applicant address:	Cumhuriyet Mah. 1987. Sk. Rayana Residence Sitesi A Blok No:1 İç Kapı No: 28 Esenyurt/İstanbul

Sample information:

Sample Name:	The Smart Watches
Sample Model:	LW-35V, LW-38V, LW-43V
Trade mark :	N/A
Manufacturer:	SHENZHEN SHENGYE TECHNOLOGY CO.,LTD
	A3310,RONGDE TIMES PLAZA,HUAQIAO NEW VILLAGE COMMUNITY,
	HENGGANG STREET,LONGGANG DISTRICT,SHENZHEN
Sample Received Date:	Jan. 24, 2024
Testing Period:	Jan. 24, 2024~Jan. 30, 2024

Test Requested As specified by client, to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DEHP, BBP, DBP & DIBP content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

Test Result(s)

Please refer to the following page(s).

Test by: Heber He

Approved by: Kevin Yan Files

Inspected by: Man

Date:

Jan. 30, 2024

Technical Manager



Test Result:

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
01	Watch cover	PBBs	1000	N.D.
01	waten cover	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
02	Watch case	PBBs	1000	-
02	waten case	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
03	Watch band	PBBs	1000	N.D.
05	waten band	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
04	Strap buckle	PBBs	1000	-
	Suap ouckie	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-

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No.	Part Name	Restricted	Limit (mg/kg)	Test Results
140.	Fait Name	Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
05	Dottom	PBBs	1000	N.D.
03	Battery	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6+}	1000	N.D.
06	Switch button	PBBs	1000	N.D.
00	Switch button	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
07	Touch screen	PBBs	1000	N.D.
	Touch screen	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
08	Pin	PBBs	1000	-
		PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	

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No.	Part Name	Restricted	Limit (maller)	Test Results
INO.	Part Name	Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
09	D1 1 C1	PBBs	1000	N.D.
09	Black film	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
10	C	PBBs	1000	-
10	Screw	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
11	EDC	PBBs	1000	N.D.
11	FPC	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
12	Spectron	PBBs	1000	N.D.
12	Speaker	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted	Limit (mg/kg)	Test Results
110.	Tart Name	Substances	Limit (mg/kg)	rest results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
12	77:1	PBBs	1000	N.D.
13	Vibrator	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.4	IG	PBBs	1000	N.D.
14	IC	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Нд	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.5	M (1 1	PBBs	1000	_
15	Magnetic beads	PBDEs	1000	-
		DEHP	1000	_
		BBP	1000	_
		DBP	1000	_
		DIBP	1000	-
		Pb	1000	N.D.
		Cd	100	N.D.
16		Нд	1000	N.D.
		Cr ⁶⁺	1000	N.D.
	CMD cot-1	PBBs	1000	N.D.
16	SMD crystal	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6+}	1000	N.D.
17	SMT LED	PBBs	1000	N.D.
1 /	SWII LED	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
10	Chin mariata n	PBBs	1000	N.D.
18	Chip resistor	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
19	C1	PBBs	1000	N.D.
19	Chip capacitor	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
20	SMT compostor	PBBs	1000	N.D.
20	SMT connector	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
21	Switch	PBBs	1000	N.D.
21	Switch	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
	PCB board	Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
22		PBBs	1000	N.D.
22	1 CD board	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
23	Soldering	PBBs	1000	
23		PBDEs	1000	-
		DEHP	1000	
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-

Note:

N.D. =Not Detected(<MDL)
mg/kg = ppm =parts per million
"- "=Not specified</pre>

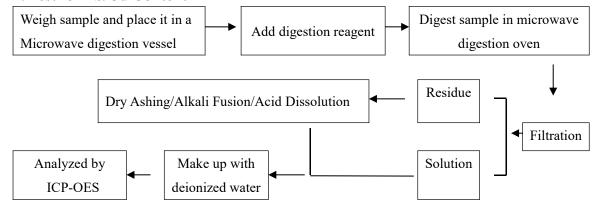
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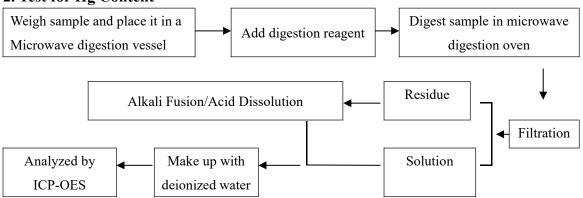


Test process

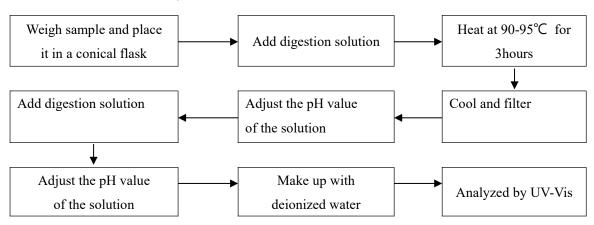
1. Test for Pb/Cd Content



2. Test for Hg Content



3.Test for Chromium (VI)Content



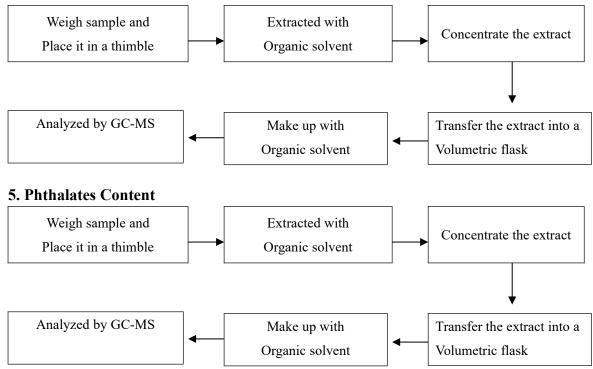
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4. Test for PBBs/PBDEs Content

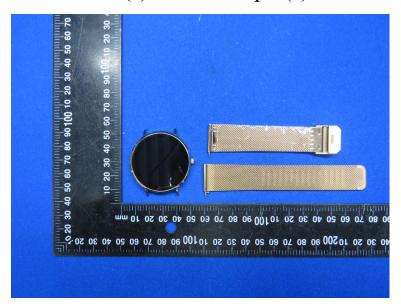


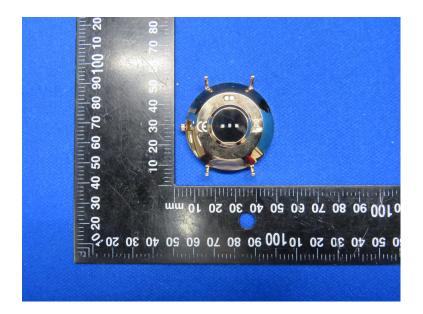
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Photo(s) of the sample(s)

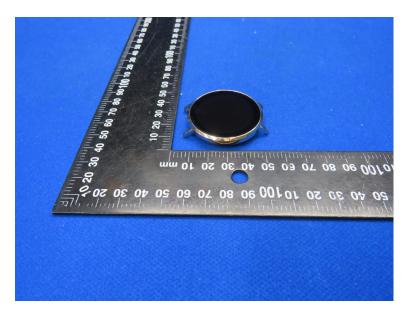


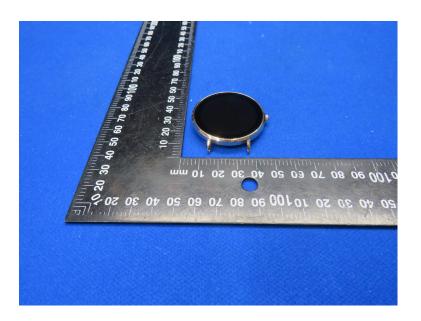


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*** End of report ***

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