

Verification Report

Report No.: SFT251222103446E

Date: December 26,2025

Page 1 of 14

Applicant: Guangzhou wangkong Ltd.
Address: Room 207, Building C, #3 Yangmeiling Street, KeMulang, Tianhe district, GuangZhou

Sample Name: indoor air quality transmitter
Model No.: MN-WTHM, MN-WCO2, MN-WVOC, MN-WAQM, MN-WGAS, MN-WENS
Trademark: MONIGEAR, WANGKONG
Manufacturer: Guangzhou wangkong Ltd.
Address: Room 207, Building C, #3 Yangmeiling Street, KeMulang, Tianhe district, GuangZhou

The above sample(s) and information were provided by the client.

Sample Receiving Date: December 22,2025
Testing Period: From December 22,2025 to December 25,2025
Test Requested: Please refer to next page(s).
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).

Signed for and on Behalf of SFT



Tom Yin / Technical Manager
Guangdong Safety Testing Co., Ltd.

Report Verification Code: BJ202512116498

Guangdong Safety Testing Co., Ltd.

No.1, the 1st North Industry Road, Songshan Lake Sci.&Tech. Park, Dongguan,
Guangdong, China
Tel:86-769-23105888 Fax: 86-769-22899858 <http://www.sft-cert.com/>

Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 2 of 14

SUMMARY OF TEST RESULTS

TEST SAMPLE	TEST REQUESTED	CONCLUSION
Tested materials of submitted samples	Heavy Metals , Flame Retardants and Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863	PASS

Test Result(s): Please refer to next page(s).

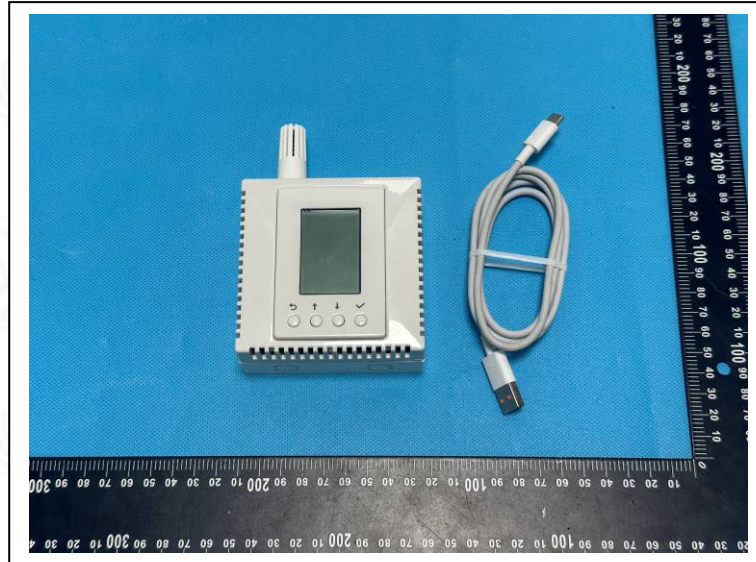
Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 3 of 14

Sample Photo

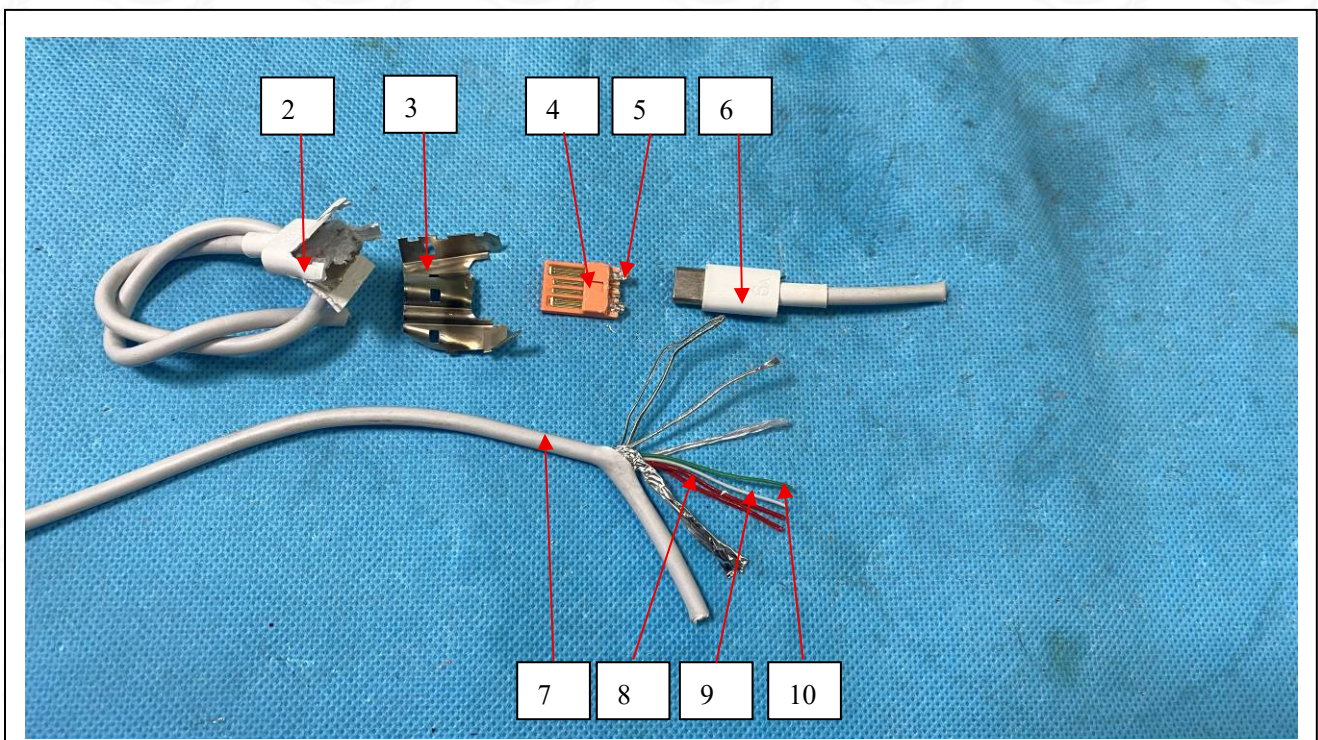
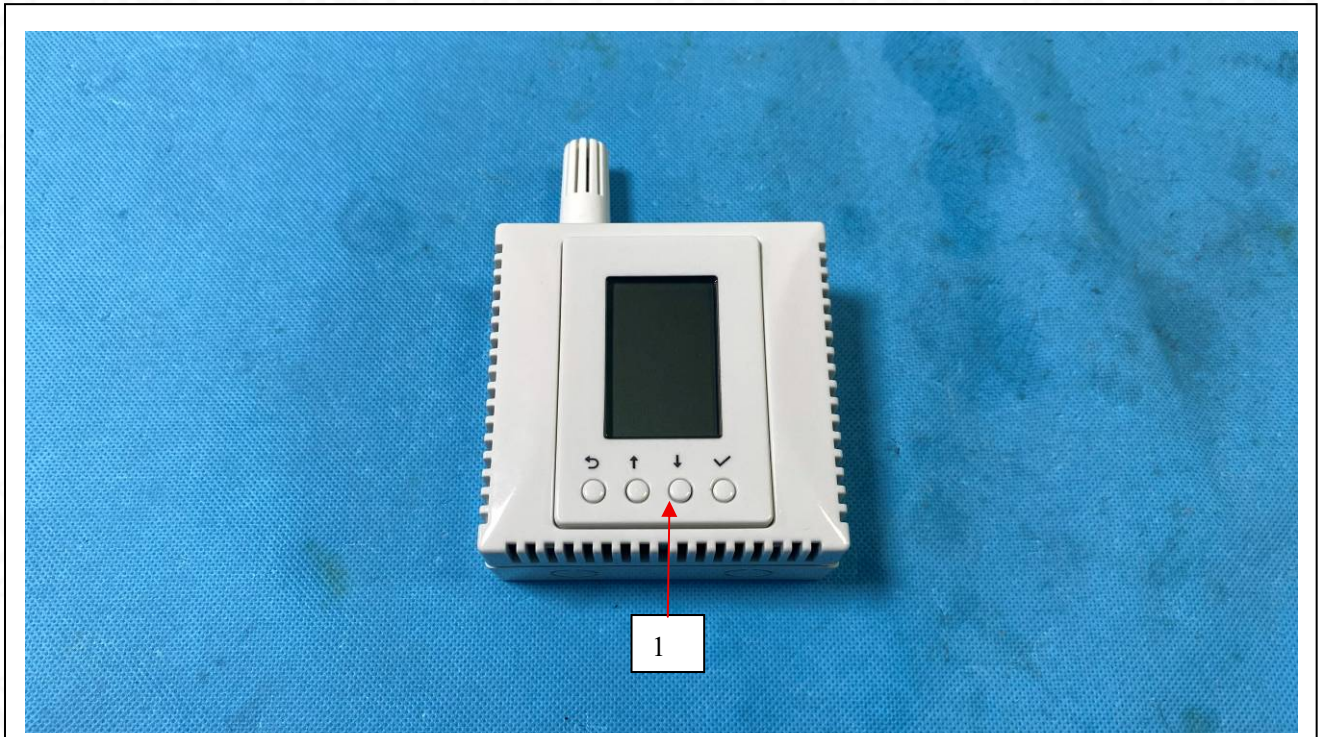


Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 4 of 14

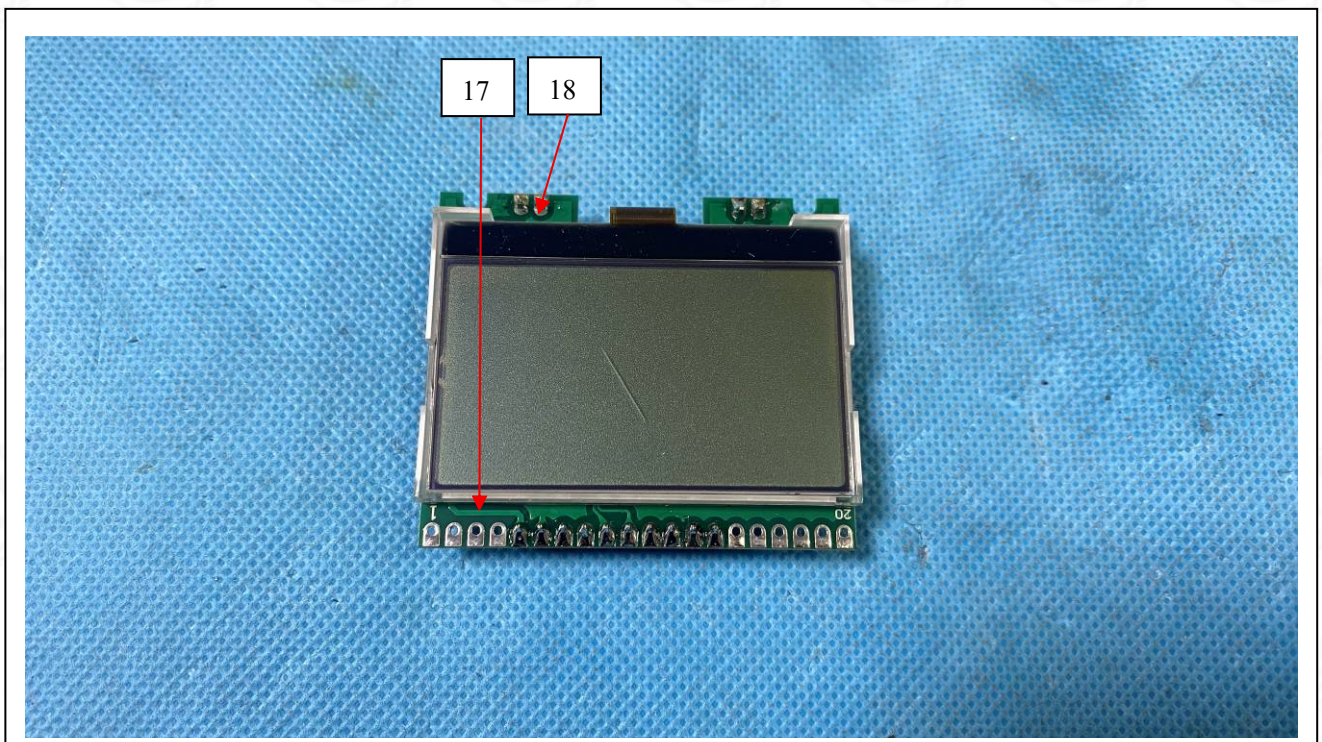
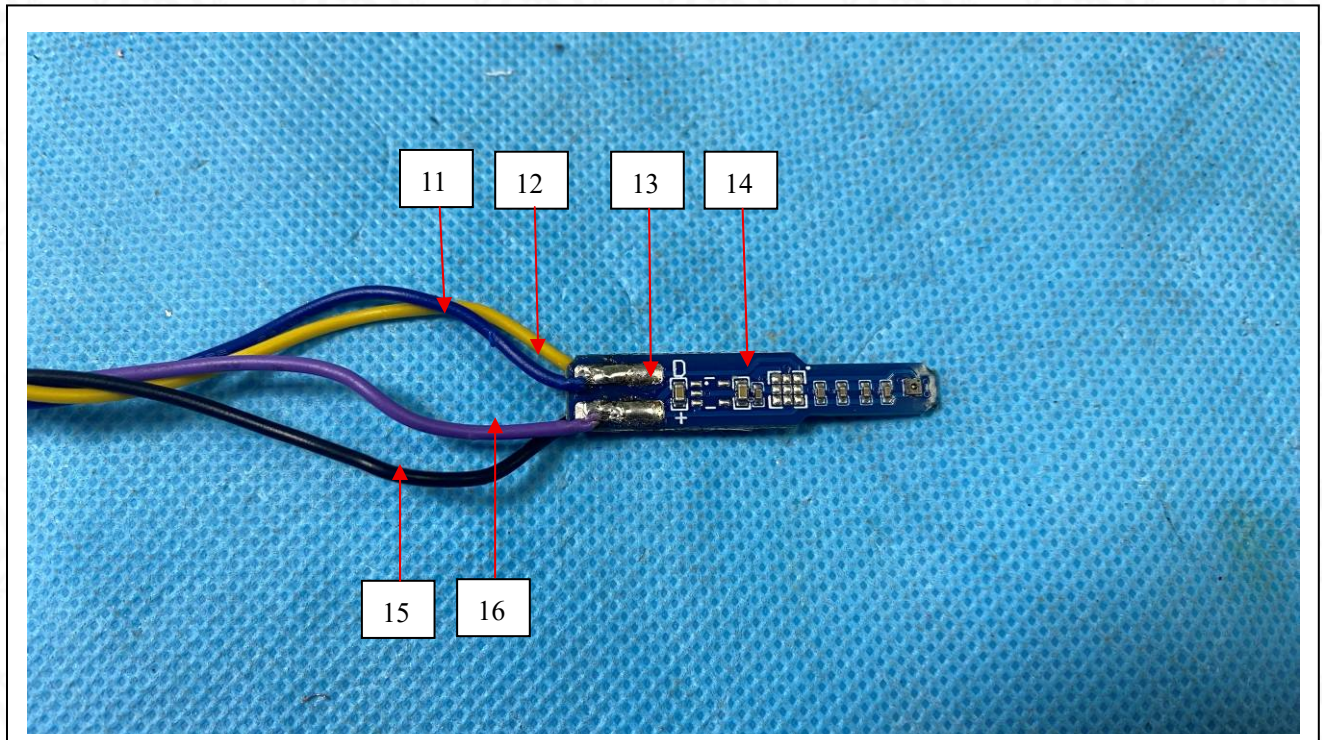


Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 5 of 14

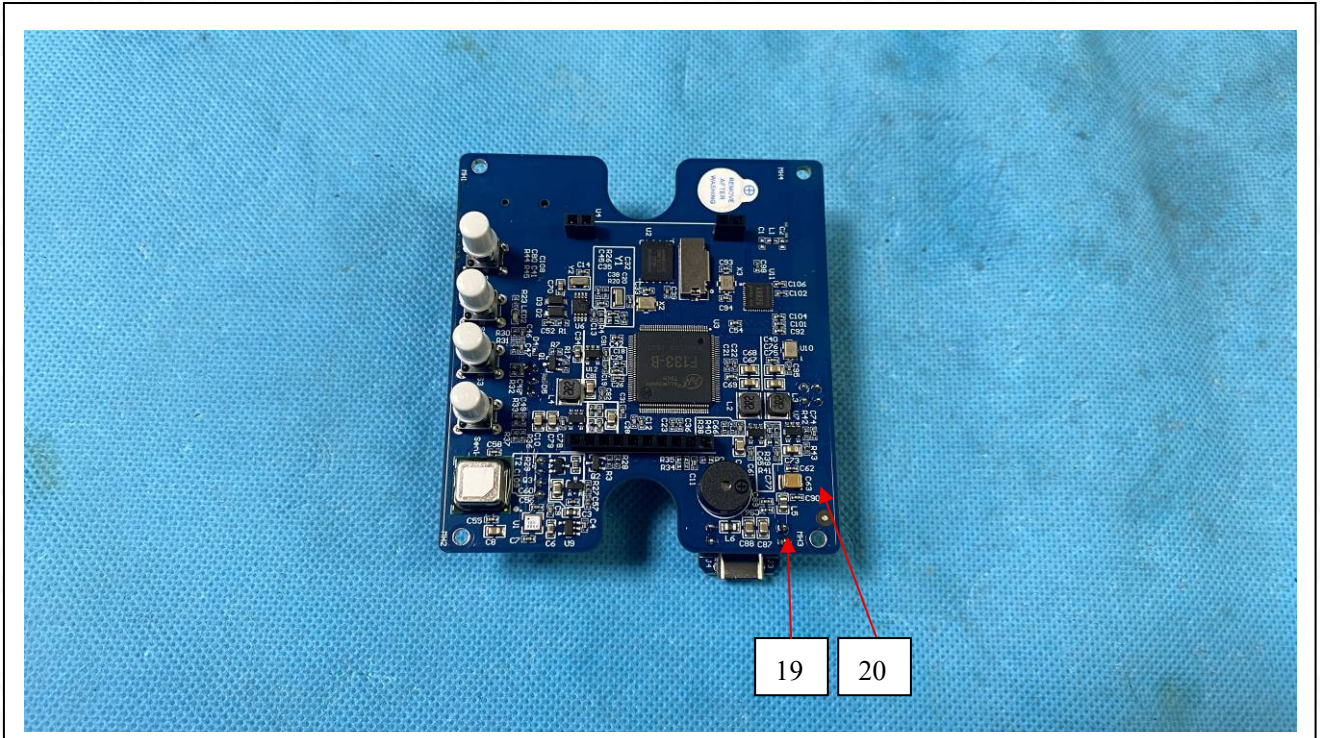


Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 6 of 14



Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 7 of 14

As requirement of client, the following materials apply only to the samples submitted for testing

Sample No.	Sample Description
1	White plastic with black coating
2	White soft plastic
3	Silvery metal
4	Orange plastic
5	Silvery solder
6	White soft plastic
7	White soft plastic wire jacket
8	Red soft plastic wire jacket
9	White soft plastic wire jacket
10	Green soft plastic wire jacket
11	Blue soft plastic wire jacket
12	Yellow soft plastic wire jacket
13	Silvery solder
14	Blue PCB
15	Black soft plastic wire jacket
16	Purple soft plastic wire jacket
17	Green PCB
18	Silvery solder
19	Silvery solder
20	Blue PCB

Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 8 of 14

Test Result(s):

Heavy Metals , 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) with its Amendments Commission Delegated Directive (EU) 2015/863

No.	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
	Pb	Cd	Hg	Cr	Br		
1	BL	BL	BL	BL	BL	--	PASS
2	BL	BL	BL	BL	BL	--	PASS
3	BL	BL	BL	IN	NA	Cr (VI):ND	PASS
4	BL	BL	BL	BL	BL	--	PASS
5	BL	BL	BL	BL	NA	--	PASS
6	BL	BL	BL	BL	BL	--	PASS
7	BL	BL	BL	BL	BL	--	PASS
8	BL	BL	BL	BL	BL	--	PASS
9	BL	BL	BL	BL	BL	--	PASS
10	BL	BL	BL	BL	BL	--	PASS
11	BL	BL	BL	BL	BL	--	PASS
12	BL	BL	BL	BL	BL	--	PASS
13	BL	BL	BL	BL	NA	--	PASS
14	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
15	BL	BL	BL	BL	BL	--	PASS
16	BL	BL	BL	BL	BL	--	PASS
17	BL	BL	BL	BL	BL	--	PASS
18	BL	BL	BL	BL	NA	--	PASS
19	BL	BL	BL	BL	NA	--	PASS
20	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS

Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 9 of 14

Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863

Sample No.	Result (mg/kg)				Conclusion
	DBP	BBP	DEHP	DIBP	
2+6+7	ND	ND	ND	ND	PASS
11+12+15	110	ND	ND	ND	PASS

Remark:

- It is the result on total Br while test item is PBBs/PBDEs. It is the result on total Cr while test item is Cr (VI).
- Results are obtained by EDXRF for primary screening, and further chemical testing by ICP(for Cd, Pb, Hg), UV-VIS (for Cr (VI)) and GC/MS (for PBBs, PBDEs)is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013 (unit: mg/kg) .

Element	Polymer	Metal	Composite Materials
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	--	$BL \leq (250-3\sigma) < X$

- ND = Not Detected (<MDL)
- mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- MDL = Method Detection Limit
- BL = Below Limit
- OL = Over Limit
- IN = Inconclusive
- NA= Not Applicable
- The XRF screening test for RoHS elements - The reading may be different to the actual content in the sample be of non-uniformity composition.
- For Metal sample:
 - The sample is positive for CrVI if the CrVI concentration is greater than $0.13\mu\text{g}/\text{cm}^2$. The sample coating is considered to contain CrVI .
 - The sample is negative for CrVI if CrVI is ND(concentration less than $0.10\mu\text{g}/\text{cm}^2$). The coating is considered a non-CrVI based coating.
 - The result between $0.10\mu\text{g}/\text{cm}^2$ and $0.13\mu\text{g}/\text{cm}^2$ is considered to be inconclusive unavoidable coating variations may influence the determination
- Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI)results represent status of the sample at the time of testing.

Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 10 of 14

Test Items and their Test Methods, Equipments, Method Detection Limit and Limit [for European Council Directive 2011/65/EU&(EU) 2015/863] :

Test Items	Test Method	Equipment(s)	Method Detection Limit	Limit
Screening Test	IEC 62321-3-1:2013	XRF	-	-
Pb	IEC 62321-5:2013	ICP-OES/AAS	10mg/kg	1000mg/kg
Cd	IEC 62321-5:2013	ICP-OES/AAS	10mg/kg	100mg/kg
Hg	IEC 62321-4:2013+AMD1:2017	ICP-OES	10mg/kg	1000mg/kg
Cr	IEC 62321-5:2013	ICP-OES	10mg/kg	-
Cr (VI)	IEC 62321-7-2:2017	UV-VIS	10mg/kg	1000mg/kg
	IEC 62321-7-1:2015	UV-VIS	0.10µg/cm ²	0.10µg/cm ²
PBBs -Bromobiphenyl (MonoBB) -Dibromobiphenyl (DiBB) -Tribromobiphenyl (TriBB) -Tetrabromobiphenyl (TetraBB) -Pentabromobiphenyl (PentaBB) -Hexabromobiphenyl (HexaBB) -Heptabromobiphenyl (HeptaBB) -Octabromobiphenyl (OctaBB) -Nonabromobiphenyl (NonaBB) -Decabromobiphenyl (DecaBB)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
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)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
DBP	IEC 62321-8:2017	GC-MS	100mg/kg	1000mg/kg
BBP	IEC 62321-8:2017	GC-MS	100mg/kg	1000mg/kg
DEHP	IEC 62321-8:2017	GC-MS	100mg/kg	1000mg/kg
DIBP	IEC 62321-8:2017	GC-MS	100mg/kg	1000mg/kg

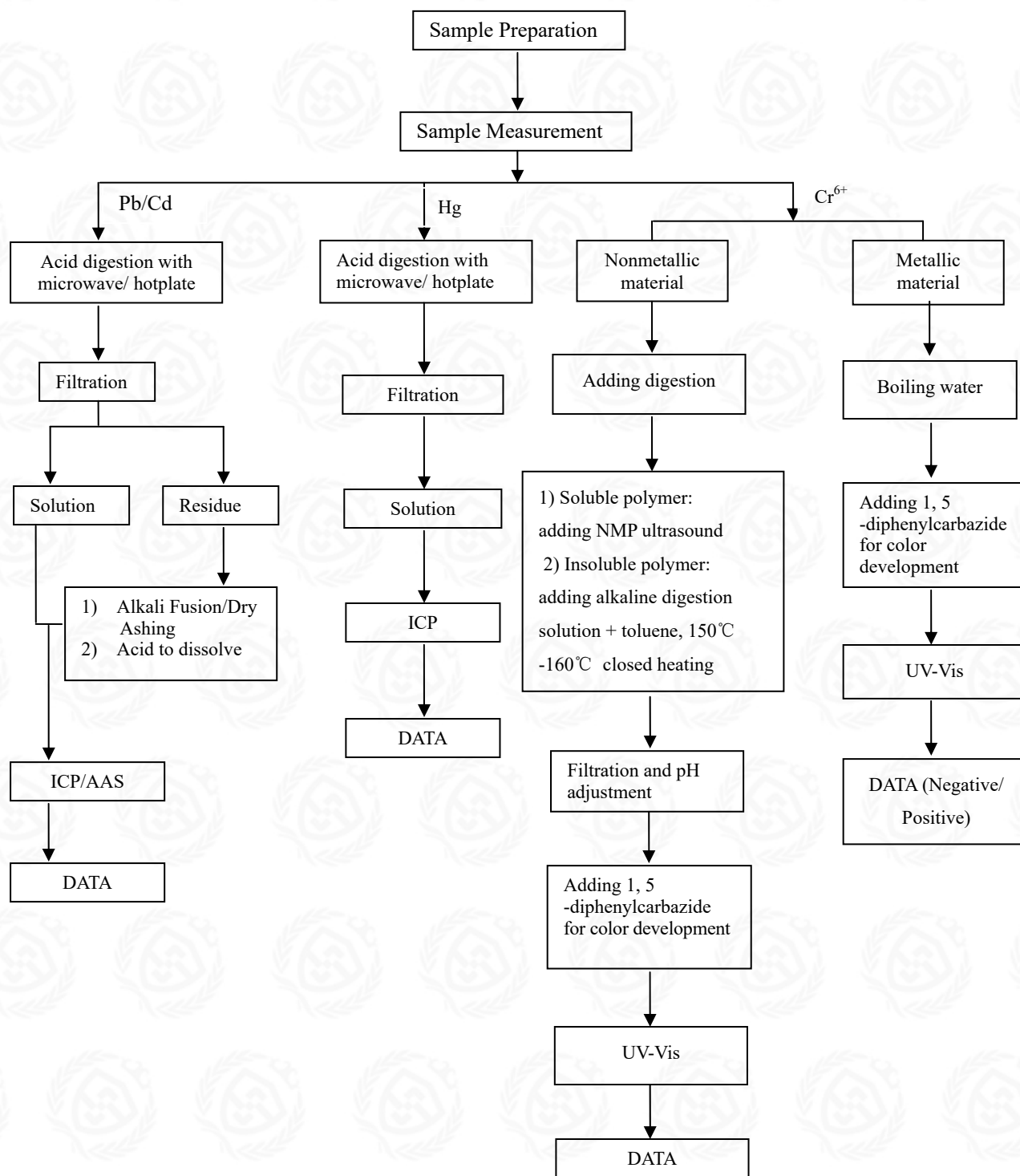
Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 11 of 14

Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart



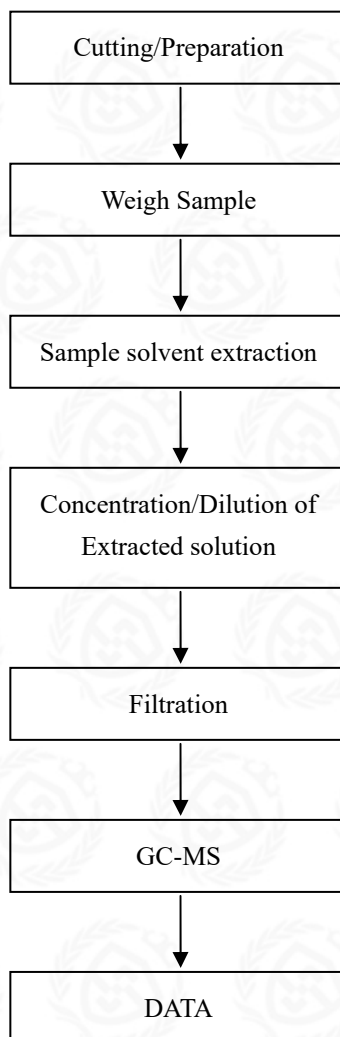
Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 12 of 14

PBBs/PBDEs Testing Flow Chart



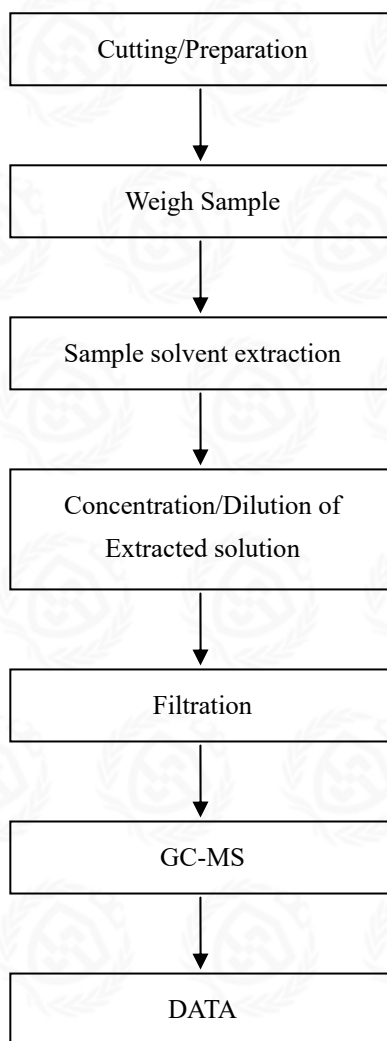
Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 13 of 14

Phthalates Testing Flow Chart



End of Report

Verification Report

Report No.: SFT251222103446E

Date: December 26, 2025

Page 14 of 14

Statement

1. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which SFT hasn't verified.
2. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in LAC-G8.09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits. The statement of conformity is based on the test results, but does not include the measurement uncertainty.
3. The test report is effective only with both signature and specialized stamp. Without written approval of SFT, this report can't be reproduced in full or in part.
4. Unauthorized use of the test results for improper publicity is impermissible
5. This test data is only responsible for the tested sample. The data and results provided by the report without CMA accreditation are not to prove to the society.
6. The test item with the superscript letter "s" in the report is out of the scope of CMA accreditation. The test item with the superscript letter "n" in the report is out of the scope of CNAS accreditation. The report can be only used as scientific research, teaching, and internal quality control without CMA marking, and has no social proof function.
7. If there is any objection to the report, client shall lodge a complaint with the company on the 30 working days from the date of receipt of the report. No late application will be accepted.