Radiolink T8FB Radio Control User Guide

Contents

Radiolink T8FB Radio Control

Product Information

- **Report No.:** SFT21100825216-08E
- **Test Report Date:** Oct.15, 2021
- **Applicant:** Radiolink Electronic Limited
- **Address:** 3/F, Building 2, Fuguo Industrial Park, Kaifeng Road, Meilin, Shenzhen, Guangdong China
- **Sample Name:** Radio Control
- **Model No.:** T8FB
- **Additional No.:** with R8EFM receiver
- **Manufacturer:** Radiolink Electronic Limited
- **Address:** 3/F, Building 2, Fuguo Industrial Park, Kaifeng Road, Meilin, Shenzhen, Guangdong China
- **Test Period:** From Oct.08, 2021 to Oct.12, 2021

Product Usage Instructions

1. Ensure that the product is powered off before use.
2. Insert the batteries into the radio control device according to the instructions provided in the user manual.
3. Turn on the radio control device by pressing the power button.
4. To establish a connection with the R8EFM receiver, make sure the receiver is properly installed in the intended device or vehicle.
5. Follow the specific instructions for pairing and binding the radio control device with the receiver. These instructions can be found in the user manual.
6. Once the connection is established, you can use the radio control device to control the intended device or vehicle.
7. Refer to the user manual for detailed instructions on how to operate the various functions and features of the radio control device.
8. When not in use, turn off the radio control device to preserve battery life.
9. Store the radio control device in a safe and dry place to prevent damage.

Test Report

- **Applicant:** Radiolink Electronic Limited
- **Address:** 3/F, Building 2, Fuguo Industrial Park, Kaifeng Road, Meilin, Shenzhen, Guangdong China

The following merchandise was (were) submitted and identified by the client:

- **Sample Name:** Radio Control
- **Model No.:** T8FB
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SUMMARY OF TEST RESULTS

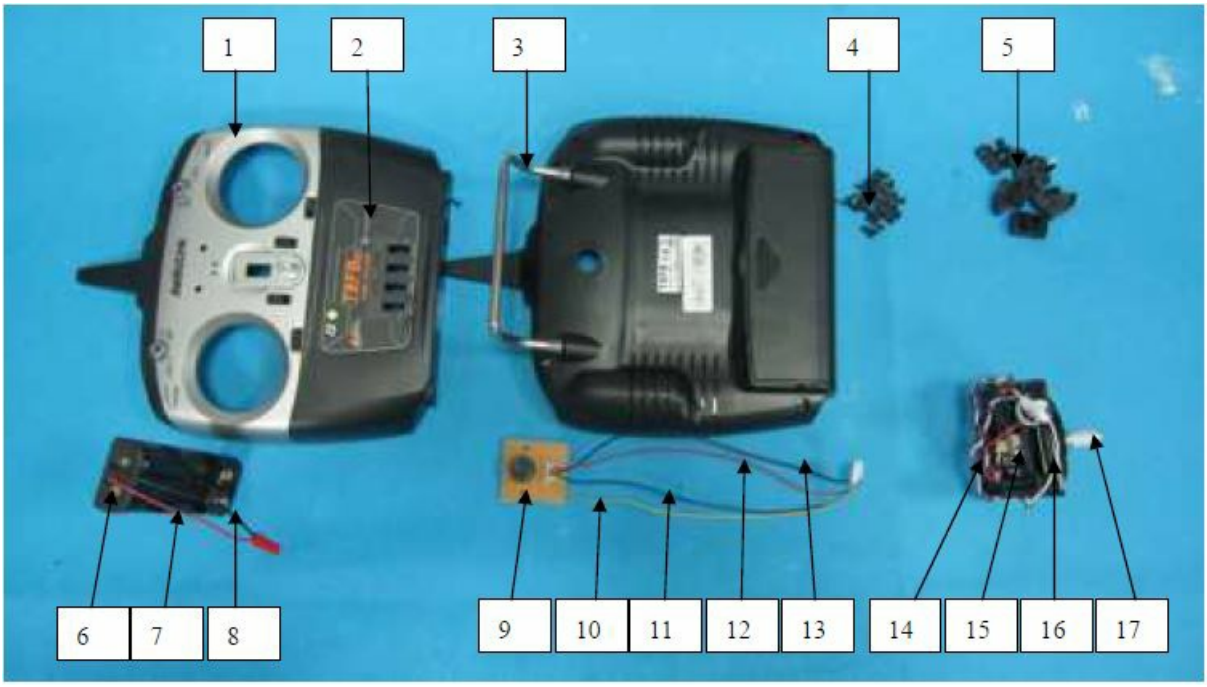
TEST REQUESTED	CONCLUSION
Heavy Metals , Flame Retardants and Phthalates Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863	PASS

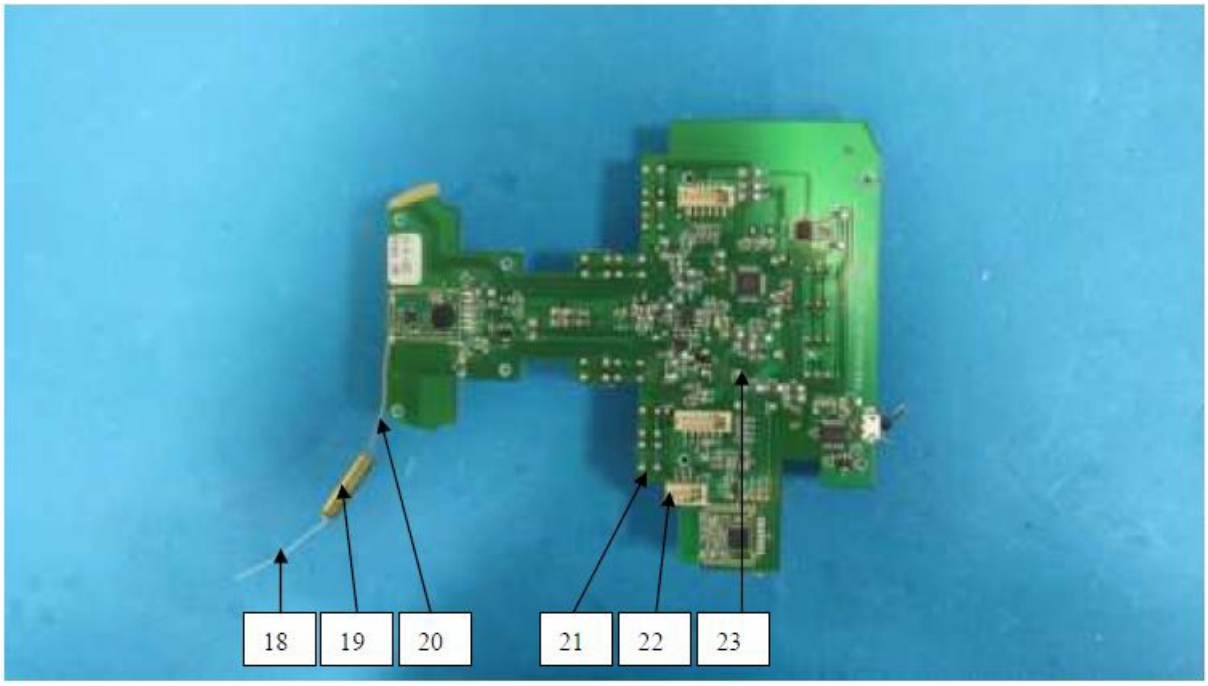
Test Result(s): Please refer to next page(s).

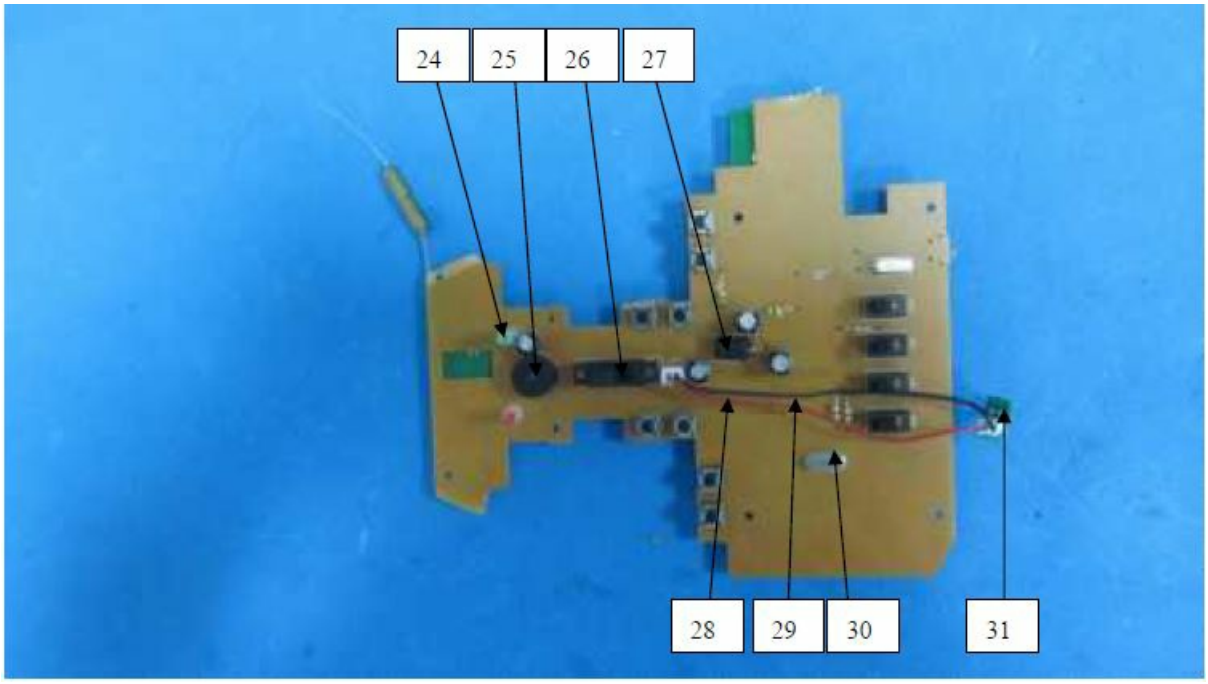
- **Report No.:** SFT21100825216-08E

Photo of the Submitted Sample

Report No.: SFT21100825216-08E







Test Report

Test Item(s)	Component Description(s)	Style
1	Black plastic with silver/red/black printing	–
2	Silver sticker with multicolor printing	–
3	Silver metal	–
4	Silver metal with black coating	–
5	Black plastic	–
6	Copper metal	–
7	Red soft plastic wire jacket with black printing	–
8	Black soft plastic wire jacket with white printing	–
9	PCB	–
10	Yellow soft plastic wire jacket	–
11	Blue soft plastic wire jacket	–
12	Red soft plastic wire jacket	–
13	Black soft plastic wire jacket	–
14	Red soft plastic wire jacket	–
15	Black soft plastic wire jacket	–
16	White soft plastic wire jacket	–
17	Silver metal	–
18	Transparent soft plastic wire jacket	–
19	Copper metal	–
20	Gray soft plastic wire jacket	–
21	PCB	–
22	Beige plastic	–
23	Silver solder tin	–
24	White plastic tube	–
25	Black	–
26	Black plastic	–
27	Black plastic tube	–
28	Red soft plastic wire jacket	–
29	Black soft plastic wire jacket	–
30	Crystal oscillator	–
31	PCB	–

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

Test Method: Test Method:

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)	–	–	–	–	–	–	–
001	ND	ND	ND	ND	ND	ND	PASS
002	ND	ND	ND	ND	ND	ND	PASS
003	ND	ND	ND	ND	NA	NA	PASS
004	ND	ND	ND	ND	NA	NA	PASS
005	ND	ND	ND	ND	ND	ND	PASS
006	ND	ND	ND	ND	NA	NA	PASS
007	ND	ND	ND	ND	ND	ND	PASS
008	ND	ND	ND	ND	ND	ND	PASS
009	ND	ND	ND	ND	ND*	ND*	PASS
010	ND	ND	ND	ND	ND	ND	PASS
011	ND	ND	ND	ND	ND	ND	PASS
012	ND	ND	ND	ND	ND	ND	PASS
013	ND	ND	ND	ND	ND	ND	PASS
014	ND	ND	ND	ND	ND	ND	PASS
015	ND	ND	ND	ND	ND	ND	PASS
016	ND	ND	ND	ND	ND	ND	PASS
017	95*	ND	ND	ND	NA	NA	PASS
018	ND	ND	ND	ND	ND	ND	PASS
019	ND	ND	ND	ND	NA	NA	PASS
020	ND	ND	ND	ND	ND	ND	PASS
021	ND	ND	ND	ND	ND*	ND*	PASS
022	ND	ND	ND	ND	ND	ND	PASS
023	ND	ND	ND	ND	NA	NA	PASS

024	ND	ND	ND	ND	ND	ND	PASS
025	ND	ND	ND	ND	ND	ND	PASS
026	ND	ND	ND	ND	ND*	ND*	PASS
027	ND	ND	ND	ND	ND	ND	PASS
028	ND	ND	ND	ND	ND	ND	PASS
029	ND	ND	ND	ND	ND	ND	PASS
030	ND	ND	ND	ND	ND	ND	PASS
031	ND	ND	ND	ND	ND*	ND*	PASS

Note / Key

- **ND =** Not detected ">" = Greater than
- **NA=** Not applicable mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- **% = percent** 10000 mg/kg = 1 %
- **Detection Limit:** See Appendix.

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

Analyte	**Requirement (mg/kg)**	**Result (mg/kg)**		
		Test Item		
		1+5+26	10+11+12	14+15+16
Dibutyl phthalate (DBP)	1000	ND	780	ND
Di-(2-ethyl hexyl) phthalate (DEHP)	1000	ND	ND	ND
Benzyl butyl phthalate (BBP)	1000	ND	ND	ND
Di-(iso-butyl) phthalate (DIBP)	1000	ND	ND	ND
Conclusion		PASS	PASS	PASS

Note / Key:

- **ND =** Not detected ">" = Greater than
- **NA=** Not applicable mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- **% =** percent 10000 mg/kg = 1 %
- **Report Limit:** See Appendix

Remark:

- The testing approach is listed in table of the Appendix.

- denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium, and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different from the actual content based on various factors including, but not limited to, sample size, thickness, area, non-uniformity composition, and surface flatness.
- Only selected example(s) is (are) indicated on the photograph(s) in the 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.
- The result (s) of Cr VI for metallic material(s) was (were) expressed in terms 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). 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).

1. **a.** The sample is positive for Cr6+ if the Cr6+ concentration is greater than 0.13μg/cm2, The sample coating is considered to contain Cr6+.
2. **b.** The sample is negative for Cr6+ if the Cr6+ is N.D. (concentration less than 0.10μg/cm2), The coating is considered a non-Cr6+ based coating.
3. **c.** The result between 0.10μg/cm2 and 0.13μg/cm2 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 Cr6+ results represent status of the sample at the time of testing.
    - Although the Test Item(s) < 10+11+12 > complies (comply) with the above requirement, it is possible that, if tested separately, one or more of the constituents of this (these) Test Item(s) may not comply with this requirement

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit, and Maximum Allowable Limit [for European Council Directive 2011/65/EU&(EU) 2015/863] :

No.	Name of Analytes	Report Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF)[a]			Wet Chemistry	
		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

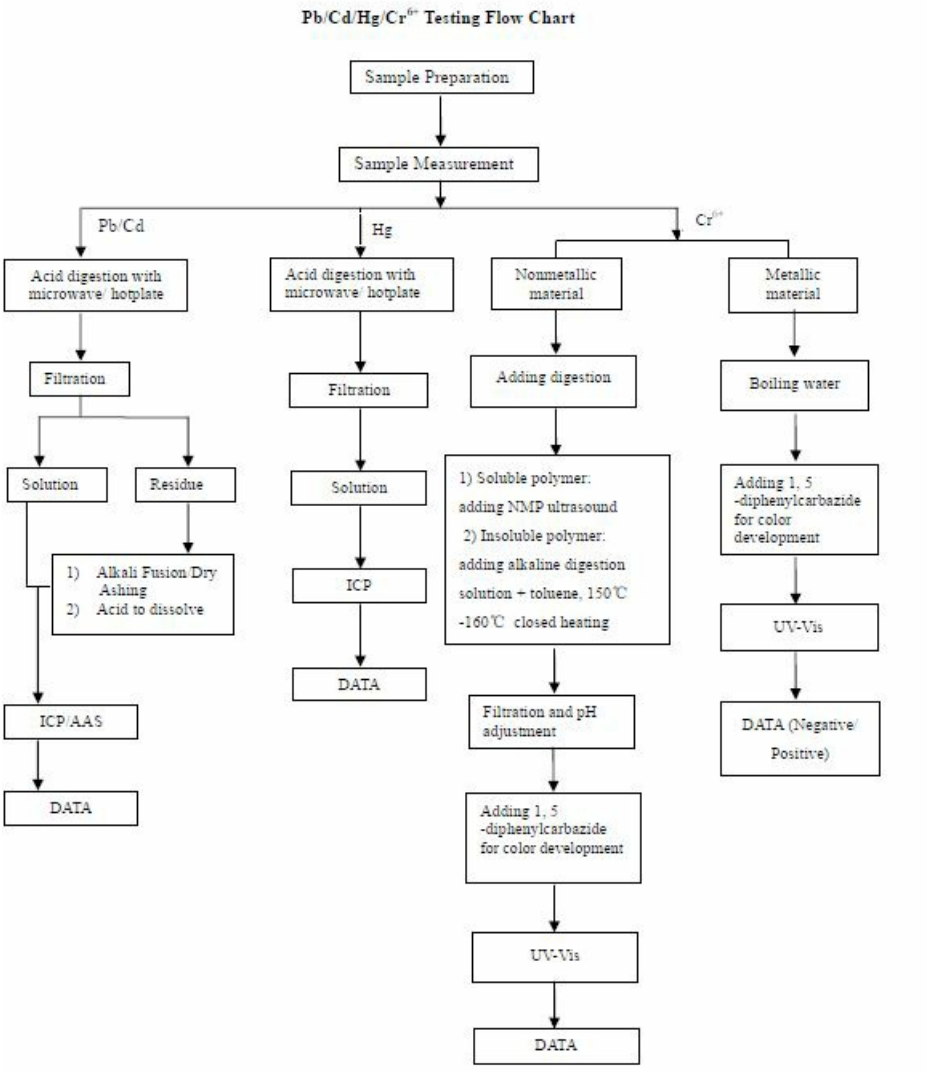
5	Chromium VI (Cr VI)	NA	NA	NA	10[d] / See [e]	1000 / Negative
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) – Bromobiphenyl (MonoBB) – Dibromobiphenyl (DiBB) – Tribromobiphenyl (TriBB) – Tetrabromobiphenyl (TetraBB) – Pentabromobiphenyl (PentaBB) – Hexabromobiphenyl (HexaBB) – Heptabromobiphenyl (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

9	Dibutyl phthalate (DBP) Di-(2-ethyl hexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Di-(iso-butyl) phthalate (DIBP)	NA	NA	NA	Each 50 [g]	Each 1000

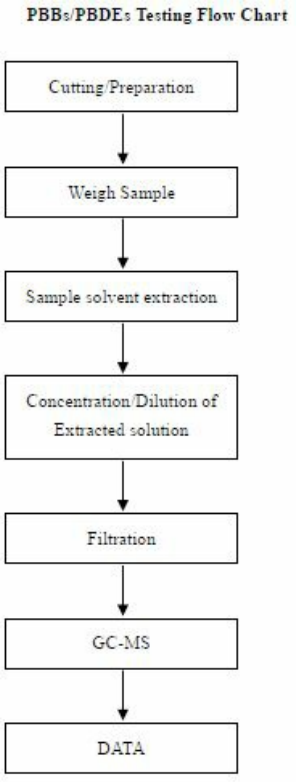
NA = Not applicable

- **[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 62321-7-2:2017.
- **[e]** Metal-Test method with reference to European standard IEC 62321-7-1:2015.
- **[f]** Test method with reference to European standard IEC 62321-6: 2015.
- **[g]** Test method with reference to IEC 62321-8:2017

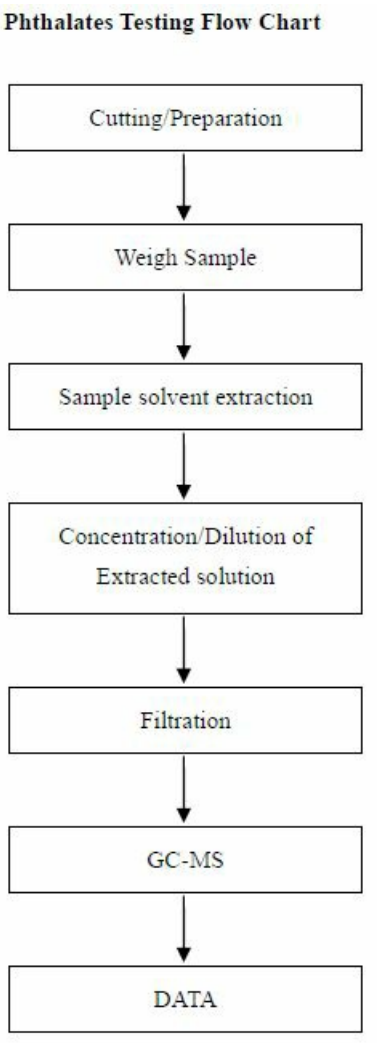
Pb/Cd/Hg/Cr6+ Testing Flow Chart



PBBs/PBDEs Testing Flow Chart



Phthalates Testing Flow Chart



End of Report

Unless otherwise stated the results shown in this report refer only to the sample(s) tested. This test report cannot be reproduced, except in full. Without prior written permission of the company,

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Documents / Resources

	**Radiolink T8FB Radio Control** [pdf] User Guide T8FB Radio Control, T8FB, Radio Control, Control