



Test Report

Report No. A2230126559101

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Company Name SHENZHEN FENG ZHI YUAN ELECTRONICS CO., LTD.**shown on Report****Address** 5TH FLOOR,BUILDING 4, AISHANG TECHNOLOGY INDUSTRIAL PARK, NO.
108 HONGHU ROAD, YANCHUAN COMMUNITY, SONGGANG STREET, BAOAN
DISTRICT, SHENZHEN, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

CTI Sample ID	Sample Name(s)
001	Fan wire
002	Fan wire casing
003	Fan wire housing
004	Fan ic chip
005	Fan label
006	Fan snap ring
007	Fan magnet
008	Fan blade
009	Fan frame
010	Fan wire rack
011	Glue for fan blade
012	Glue for fan frame
A2230126345101001	Fan PCB

Sample Name Fan wire
Sample Received Date Mar. 23, 2023
Testing Period Mar. 23, 2023 to Mar. 29, 2023

Test Conducted:

As requested by the applicant. For details refer to next page(s)



Approved by

Date

Mar. 29, 2023

Hill Zheng
Technical Manager

No. R338851904

Centre Testing International Group Co., Ltd.

CITE Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Executive Summary:

TEST REQUEST

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

- Decabromodiphenyl Ether (DecaBDE)
- Phenol, Isopropylated Phosphate (PIP (3:1))
- 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)
- Hexachlorobutadiene (HCBd)
- Pentachlorothiophenol (PCTP)

CONCLUSION

PASS

PASS

PASS

PASS

PASS

***** For further details, please refer to the following page(s) *****

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Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

▼ Decabromodiphenyl Ether (DecaBDE)

Refer to method(s)US EPA 3550C:2007&US EPA 8270E:2018, and the item(s) was/were analyzed by GC-MS.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	001	002	003		
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	004	005	006		
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	007	008	009		
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	010	011	012		
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	A2230126345101001		
Decabromodiphenyl Ether (DecaBDE)	N.D.	5	N.D.

Remark:

- N.D. = Not Detected (<Report Limit)
- mg/kg = ppm = parts per million

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▼ **Phenol, Isopropylated Phosphate (PIP (3:1))**

Refer to method(s)US EPA 3550C:2007&US EPA 8270E:2018, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	001	002	003		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	004	005	006		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	007	008	009		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	010	011	012		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	A2230126345101001		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	5	N.D.

Remark:

- N.D. = Not Detected (<Report Limit)
- mg/kg = ppm = parts per million

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▼ **2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)**

Refer to method(s)US EPA 3550C:2007&US EPA 8270E:2018, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	001	002	003		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	N.D.	N.D.	5	3000

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	004	005	006		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	N.D.	N.D.	5	3000

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	007	008	009		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	N.D.	N.D.	5	3000

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	010	011	012		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	60	91	5	3000

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	A2230126345101001		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	5	3000

Remark:

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▼ **Hexachlorobutadiene (HCBD)**

Refer to method(s)US EPA 3550C:2007&US EPA 8270E:2018, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	001	002	003		
Hexachlorobutadiene (HCBD)	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	004	005	006		
Hexachlorobutadiene (HCBD)	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	007	008	009		
Hexachlorobutadiene (HCBD)	N.D.	N.D.	N.D.	5	N.D.

Tested Item(s)	Result (mg/kg)			Report Limit (mg/kg)	Limit (mg/kg)
	010	011	012		
Hexachlorobutadiene (HCBD)	N.D.	N.D.	N.D.	5	N.D.

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	A2230126345101001		
Hexachlorobutadiene (HCBD)	N.D.	5	N.D.

Remark:

- N.D. = Not Detected (<Report Limit)
- mg/kg = ppm = parts per million

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▼ **Pentachlorothiophenol (PCTP)**

Refer to method(s)US EPA 3550C:2007&US EPA 8270E:2018, and the item(s) was/were analyzed by GC-MS.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002	003		
Pentachlorothiophenol (PCTP)	N.D.	N.D.	N.D.	5	10000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	004	005	006		
Pentachlorothiophenol (PCTP)	N.D.	N.D.	N.D.	5	10000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	007	008	009		
Pentachlorothiophenol (PCTP)	N.D.	N.D.	N.D.	5	10000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	010	011	012		
Pentachlorothiophenol (PCTP)	N.D.	N.D.	N.D.	5	10000

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>Report Limit</u> (mg/kg)	<u>Limit</u> (mg/kg)
	A2230126345101001		
Pentachlorothiophenol (PCTP)	N.D.	5	10000

Remark:

- N.D. = Not Detected (<Report Limit)
- mg/kg = ppm = parts per million

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Sample/Part Description

No.	CTI Sample ID	Description
1	001	Black wire jacket with white printing
2	002	Black tube with white printing
3	003	White plastic
4	004	Black plastic with brown printing
5	005	Black label
6	006	Beige plastic
7	007	Dark grey solid
8	008	Black plastic with brown printing
9	009	Black plastic
10	010	Black plastic
11	011	Transparent liquid
12	012	Yellow paste
13	A2230126345101001	PCB (Tested as a whole) #

Note:

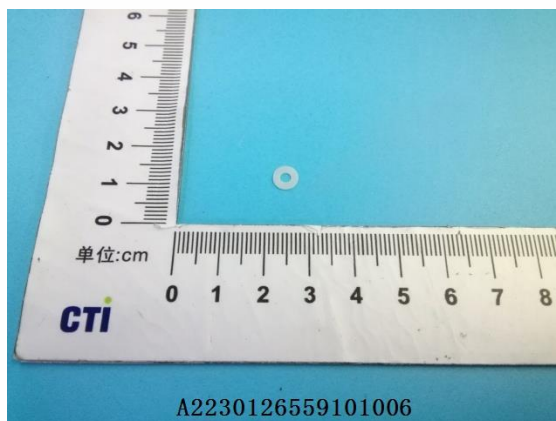
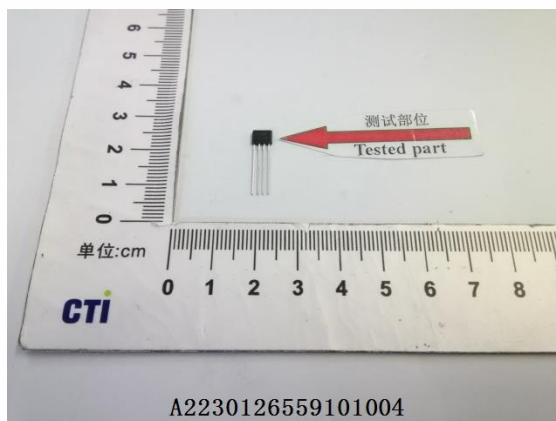
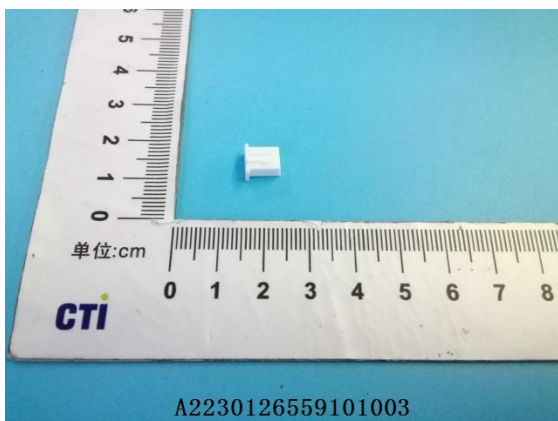
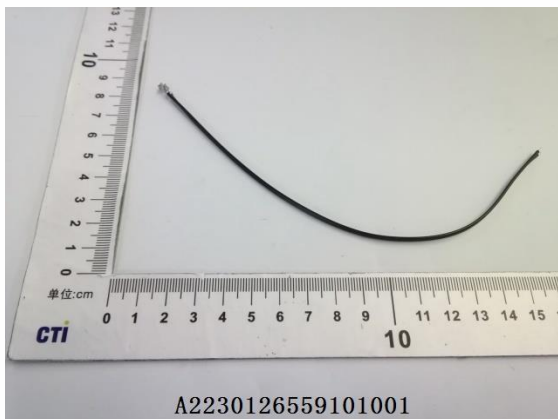
- #The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

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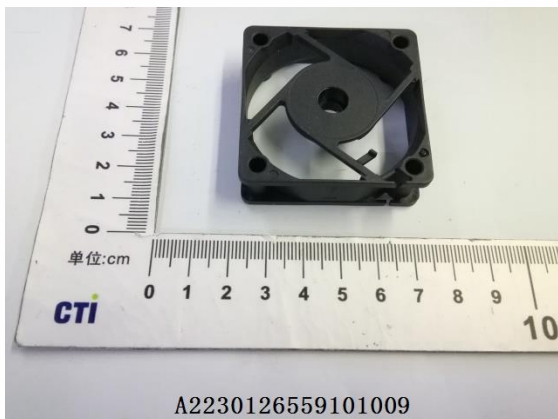
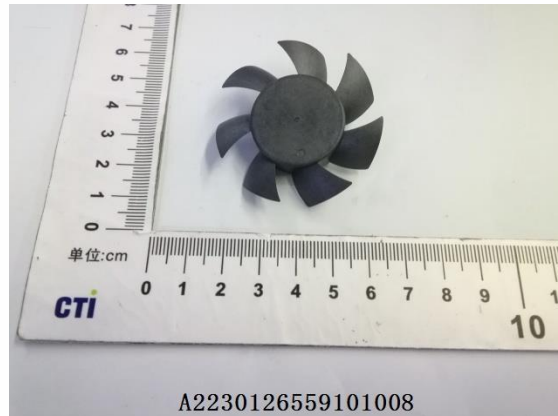
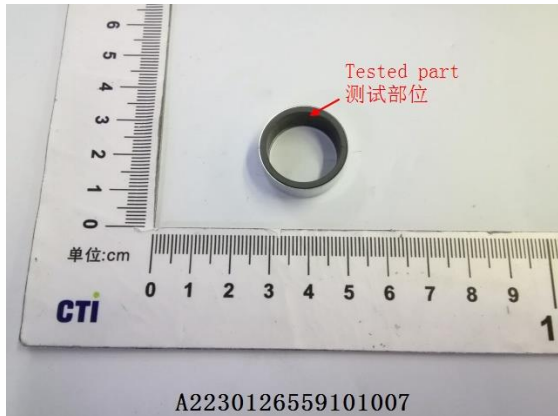
Photo(s) of the sample(s)



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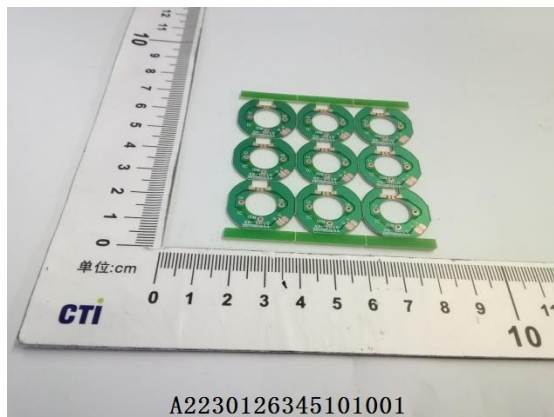
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Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 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 CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** End of Report ***

Appendix

Client Reference Information

5V	12V	24V	48V
(B) may be B,S ;(H) may be U,H,M,L			
FD2010(B)1(H)	FD2010(B)2(H)	FD3512(B)4(H)	FD6025(B)6(H)
FD2507(B)1(H)	FD2507(B)2(H)	FD3535(B)4(H)	FD6038(B)6(H)
FD2510(B)1(H)	FD2510(B)2(H)	FD4010(B)4(H)	FD7030(B)6(H)
FD3006(B)1(H)	FD3006(B)2(H)	FD4015(B)4(H)	FD7525(B)6(H)
FD3007(B)1(H)	FD3007(B)2(H)	FD4020(B)4(H)	FD7530(B)6(H)
FD3010(B)1(H)	FD3010(B)2(H)	FD4028(B)4(H)	FD8025(B)6(H)
FD3025(B)1(H)	FD3025(B)2(H)	FD4510(B)4(H)	FD8038(B)6(H)
FD3510(B)1(H)	FD3510(B)2(H)	FD5010(B)4(H)	FD9030(B)6(H)
FD3512(B)1(H)	FD3512(B)2(H)	FD5015(B)4(H)	FD9225(B)6(H)
FD3535(B)1(H)	FD3535(B)2(H)	FD5020(B)4(H)	FD9238(B)6(H)
FD4007(B)1(H)	FD4007(B)2(H)	FD5025(B)4(H)	FD9330(B)6(H)
FD4010(B)1(H)	FD4010(B)2(H)	FD5528(B)4(H)	FD9733(B)6(H)
FD4015(B)1(H)	FD4015(B)2(H)	FD6010(B)4(H)	FD1025(B)6(H)
FD4020(B)1(H)	FD4020(B)2(H)	FD6015(B)4(H)	FD1027(B)6(H)
FD4028(B)1(H)	FD4028(B)2(H)	FD6018(B)4(H)	FD1033(B)6(H)
FD4510(B)1(H)	FD4510(B)2(H)	FD6020(B)4(H)	FD1225(B)6(H)
FD5010(B)1(H)	FD5010(B)2(H)	FD6025(B)4(H)	FD1232(B)6(H)
FD5015(B)1(H)	FD5015(B)2(H)	FD6028(B)4(H)	FD1238(B)6(H)
FD5020(B)1(H)	FD5020(B)2(H)	FD6038(B)4(H)	FD1250(B)6(H)
FD5025(B)1(H)	FD5025(B)2(H)	FD6510(B)4(H)	FD1425(B)6(H)
FD5528(B)1(H)	FD5528(B)2(H)	FD6715(B)4(H)	FD1438(B)6(H)
FD6010(B)1(H)	FD6010(B)2(H)	FD7013(B)4(H)	FD16050(B)6(H)
FD6015(B)1(H)	FD6015(B)2(H)	FD7015(B)4(H)	FD1751(B)6(H)
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FD6020(B)1(H)	FD6020(B)2(H)	FD7025(B)4(H)	
FD6025(B)1(H)	FD6025(B)2(H)	FD7028(B)4(H)	
FD6028(B)1(H)	FD6028(B)2(H)	FD7030(B)4(H)	
FD6038(B)1(H)	FD6038(B)2(H)	FD7515(B)4(H)	
FD6510(B)1(H)	FD6510(B)2(H)	FD7525(B)4(H)	
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FD7015(B)1(H)	FD7013(B)2(H)	FD8010(B)4(H)	
FD7020(B)1(H)	FD7015(B)2(H)	FD8015(B)4(H)	

FD7025(B)1(H)	FD7020(B)2(H)	FD8020(B)4(H)
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FD7030(B)1(H)	FD7028(B)2(H)	FD8030(B)4(H)
FD7515(B)1(H)	FD7030(B)2(H)	FD8038(B)4(H)
FD7525(B)1(H)	FD7515(B)2(H)	FD9020(B)4(H)
FD7530(B)1(H)	FD7525(B)2(H)	FD9030(B)4(H)
FD8010(B)1(H)	FD7530(B)2(H)	FD9225(B)4(H)
FD8015(B)1(H)	FD8010(B)2(H)	FD9238(B)4(H)
FD8020(B)1(H)	FD8015(B)2(H)	FD9330(B)4(H)
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FD9020(B)1(H)	FD8030(B)2(H)	FD1020(B)4(H)
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FD9330(B)1(H)	FD9020(B)2(H)	FD1027(B)4(H)
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FD1225(B)1(H)	FD1020(B)2(H)	FD1250(B)4(H)
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	FD1025(B)2(H)	FD1438(B)4(H)
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	FD1218(B)2(H)	FD1751(B)4(H)
	FD1220(B)2(H)	
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	FD1232(B)2(H)	
	FD1238(B)2(H)	
	FD1250(B)2(H)	
	FD1425(B)2(H)	
	FD1438(B)2(H)	
	FD16050(B)2(H)	
	FD1751(B)2(H)	

Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A2230126559101.