

TEST REPORT

Report No.: FTC25030006

Date: Jan.17,2025

Client: Shenzhen HSJ Fab Co., Ltd
Building 3, No.6 Ind Zone, Mashantou Community,
Matian Street, Guangming District, Shenzhen, Zip 518106, China

Sample Receiving Date : Jan.14,2025

Testing Period : From Jan.14,2025 to Jan.17,2025

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

Sample Name	HA6 Fixed Plate
Model No.	HA6 Fixed Plate
Manufacturer	Shenzhen HSJ Fab Co., Ltd
Manufacturer Address	Building 3, No.6 Ind Zone, Mashantou Community, Matian Street, Guangming District, Shenzhen, Zip 518106, China

SUMMARY OF TEST RESULTS

ITEM	TEST REQUESTED	CONCLUSION
1.	European Council Directive 2011/65/EU on Restrictions on the Use of Certain Hazardous Substances in Electrical and It's Amendments(Including (EU) 2015/863) (RoHS) -Lead, Cadmium, Mercury, Chromium (VI) Content	Pass

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Prepared By: Sun Yongru Checked By: Robin Luo Approved By: Kevin Yang
Sun Yongru Robin Luo Kevin Yang
Lab Clerk Lab Supervisor Lab Manager

Declaration: This report is invalid without FTC's seal for testing, and no relevant responsible person's signature is invalid; The altered, added or deleted report is invalid; This report shall not be reproduced expected in full, without written approval of FTC; This report is made solely on the basis of the customer's instructions and/or information and materials supplied by the customer. FTC is not responsible for the authenticity of sample's information(s); The report is only responsible for the submitted sample(s); No one is allowed to use this report for advertising, court evidence, arbitration and any other relative activities without written approval of FTC; Any objection to the report shall be made to the Company within 30 days from the date of issue, otherwise it shall be regarded as recognition of the report; The report without CMA sealed, it does not have the function of social proof and is only used for scientific research, teaching, internal quality control, product research and develop by the customer; If there is any ambiguity in the language of the report, the Chinese version shall prevail. The report is confidential trade secret.

ZhongShan Forever Testing (Int'l) Co., Ltd.

Page 1 of 4

Add: 12Floor, South Tower, ShuMao Building, XiangXing Road, Torch Development Zone, ZhongShan, Guangdong, China

Tel: 0760-88284699

Fax: 0760-88284700

E-mail: ftc@forevertesting.com

Report No.: FTC25030006

Date: Jan.17,2025

TEST RESULTS

1.EUROPEAN COUNCIL DIRECTIVE 2011/65/EU ON RESTRICTIONS ON THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND IT' S AMENDMENTS(INCLUDING (EU) 2015/863) (ROHS)

(A)Test Result Summary

Testing Item	Result	RDL
	1	
Lead (Pb) Content(mg/kg)	ND	5
Cadmium (Cd) Content(mg/kg)	ND	2.5
Mercury (Hg) Content(mg/kg)	ND	5
Chromium (VI) (Cr ⁶⁺) Content(μg/cm ²)	Negative	0.1
Polybrominated Biphenyls (PBBs)(mg/kg)	--	--
Monobromobiphenyl (MonoBB)(mg/kg)	--	5
Dibromobiphenyl (DiBB)(mg/kg)	--	5
Tribromobiphenyl (TriBB)(mg/kg)	--	5
Tetrabromobiphenyl (TetraBB)(mg/kg)	--	5
Pentabromobiphenyl (PentaBB)(mg/kg)	--	5
Hexabromobiphenyl (HexaBB)(mg/kg)	--	5
Heptabromobiphenyl (HeptaBB)(mg/kg)	--	5
Octabromobiphenyl (OctaBB)(mg/kg)	--	5
Nonabromobiphenyl (NonaBB)(mg/kg)	--	5
Decabromobiphenyl (DecaBB)(mg/kg)	--	5
Polybrominated Diphenyl Ethers (PBDEs)(mg/kg)	--	--
Monobromodiphenyl Ether (MonoBDE)(mg/kg)	--	5
Dibromodiphenyl Ether (DiBDE)(mg/kg)	--	5
Tribromodiphenyl Ether (TriBDE)(mg/kg)	--	5
Tetrabromodiphenyl Ether (TetraBDE)(mg/kg)	--	5
Pentabromodiphenyl Ether (PentaBDE)(mg/kg)	--	5
Hexabromodiphenyl Ether (HexaBDE)(mg/kg)	--	5
Heptabromodiphenyl Ether(HeptaBDE)(mg/kg)	--	5
Octabromodiphenyl Ether (OctaBDE)(mg/kg)	--	5
Nonabromodiphenyl Ether (NonaBDE)(mg/kg)	--	5
Decabromodiphenyl Ether (DecaBDE)(mg/kg)	--	5
Dibutyl Phthalate (DBP)(mg/kg)	--	150
Benzyl Butyl Phthalate (BBP)(mg/kg)	--	150
Diethyl Hexyl Phthalate (DEHP)(mg/kg)	--	150
Diisobutyl Phthalate (DIBP)(mg/kg)	--	150

Declaration:This report is invalid without FTC's seal for testing, and no relevant responsible person's signature is invalid;The altered,added or deleted report is invalid;This report shall not be reproduced expected in full, without written approval of FTC;This report is made solely on the basis of the customer's instructions and/or information and materials supplied by the customer.FTC is not responsible for the authenticity of sample's information(s);The report is only responsible for the submitted sample(s);No one is allowed to use this report for advertising, court evidence, arbitration and any other relative activities,without written approval of FTC;Any objection to the report shall be made to the Company within 30 days from the date of issue, otherwise it shall be regarded as recognition of the report;The report without CMA sealed, it does not have the function of social proof and is only used for scientific research, teaching, internal quality control, product research and develop by the customer; If there is any ambiguity in the language of the report, the Chinese version shall prevail. The report is confidential trade secret.

ZhongShan Forever Testing (Int'l) Co., Ltd.

Page 2 of 4

Report No.: FTC25030006

Date: Jan.17,2025

TEST RESULTS:

Remark: mg/kg = milligram per kilogram

RDL= Report Detection Limit

ND=Not Detected (lower than RDL)

Negative = Absence of Chromium (VI) coating(below 0.1 $\mu\text{g}/\text{cm}^2$)

(B)RoHS Requirement

Restricted Substances	Limits
Lead (Pb)	0.1% (1000 mg/kg)
Cadmium (Cd)	0.01% (100 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr^{6+})	0.1% (1000 mg/kg)*
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Dibutyl Phthalate (DBP)	0.1% (1000 mg/kg)
Benzyl Butyl Phthalate (BBP)	0.1% (1000 mg/kg)
Diethyl Hexyl Phthalate (DEHP)	0.1% (1000 mg/kg)
Diisobutyl Phthalate (DIBP)	0.1% (1000 mg/kg)

Remark:

1.The Above Limits Were Quoted From 2011/65/EU And It's Amendments For Homogeneous Material.

2.*=The sample(s) was(were) metal, the limit of Chromium (VI):

A:The test results were less than 0.1 $\mu\text{g}/\text{cm}^2$, the sample content of Chromium (VI) was negative, and the sample coating was considered to be free of Chromium (VI);

B:If the test results were between 0.1 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$, it was considered uncertain whether the sample contains Chromium (VI), because the difference of sample coating will affect the test result;

C:The test results were greater than 0.13 $\mu\text{g}/\text{cm}^2$, the sample content of Chromium (VI) was positive, and the sample coating was considered to contain Chromium (VI).

Report No.: FTC25030006

Date: Jan.17,2025

TEST RESULTS:

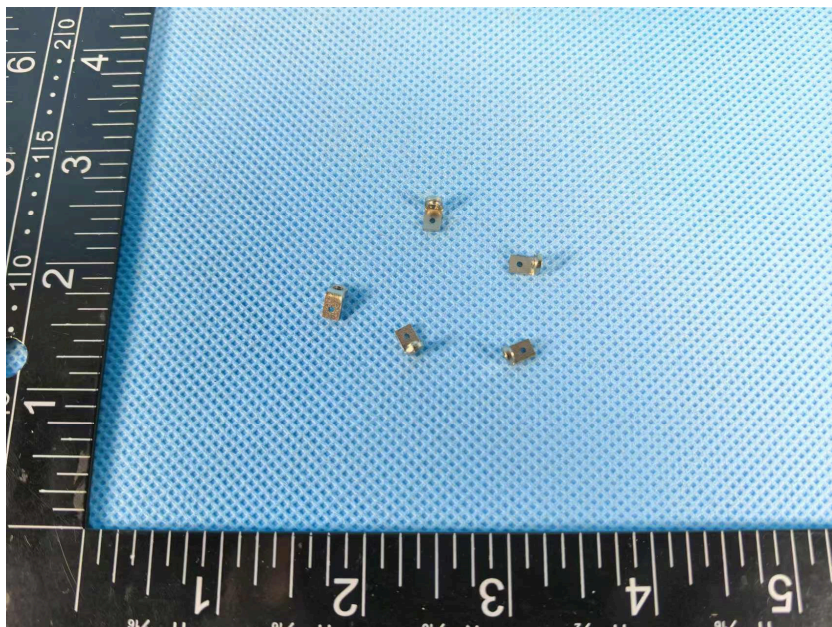
(C)Test Method

Testing Item	Testing Method / Instrument
Lead (Pb) Content	IEC 62321-5:2013/ ICP-OES
Cadmium (Cd) Content	IEC 62321-5:2013/ ICP-OES
Mercury (Hg) Content	IEC 62321-4:2013+A1:2017/ ICP-OES
Chromium (Cr) Content	IEC 62321-5:2013/ ICP-OES
Chromium (VI) (Cr ⁶⁺)Content	IEC 62321-7-1:2015/UV-Vis
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015/ GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	
Dibutyl Phthalate (DBP)	
Benzyl Butyl Phthalate (BBP)	
Diethyl Hexyl Phthalate (DEHP)	
Diisobutyl Phthalate (DIBP)	IEC 62321-8:2017/ GC-MS

Test Part Description:

<u>1</u>	Silver metal
----------	--------------

SAMPLE(S) PHOTO



End of Test Report

Declaration: This report is invalid without FTC's seal for testing, and no relevant responsible person's signature is invalid; The altered, added or deleted report is invalid; This report shall not be reproduced expected in full, without written approval of FTC; This report is made solely on the basis of the customer's instructions and/or information and materials supplied by the customer. FTC is not responsible for the authenticity of sample's information(s); The report is only responsible for the submitted sample(s); No one is allowed to use this report for advertising, court evidence, arbitration and any other relative activities without written approval of FTC; Any objection to the report shall be made to the Company within 30 days from the date of issue, otherwise it shall be regarded as recognition of the report; The report without CMA sealed, it does not have the function of social proof and is only used for scientific research, teaching, internal quality control, product research and develop by the customer; If there is any ambiguity in the language of the report, the Chinese version shall prevail. The report is confidential trade secret.

ZhongShan Forever Testing (Int'l) Co., Ltd.

Page 4 of 4

Add: 12Floor, South Tower, ShuMao Building, XiangXing Road, Torch Development Zone, ZhongShan, Guangdong, China

Tel: 0760-88284699

Fax: 0760-88284700

E-mail: ftc@forevertesting.com