

TEST REPORT

CheckCode:780761
Report No.:C202203020497-20E

Applicant: Zhejiang ZUCH Technology Co., Ltd
Address: No. 201, Road Wei #15, Yueqing Economic Development Zone, Yueqing, Zhejiang, China

The following sample information was submitted and identified by/on the behalf of the client

Name: Terminal (Brass/Red copper/Phosphor copper)

Sample State: Normal

Date of Receipt: Mar.2, 2022 **Test Period:** Mar.2, 2022 – Mar.9, 2022

Test Request: As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium [Cr(VI)] content in the submitted sample(s).

Judge Standard: RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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

Conclusion: Based on the performed test on submitted sample, the result(s) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Edited by Shi Ling Ling Reviewed by Wu Yan Yan Approved by Wang Sheng



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Seal of:

GUANGZHOU GRG METROLOGY & TEST WUXI CO., LTD.

Issue date:Mar.9,2022

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GUANGZHOU GRG METROLOGY & TEST WUXI CO., LTD.

Address: No.200, Linghu Road, Taihu International Science and Technology Park, Wuxi Xinwu District, Wuxi, Jiangsu, China
Tel: 4006020999 Fax: +86-0510-68002628 Website: <http://www.grgtest.com>

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Sample description:

Sample No.	Description
1	Silvery metal terminal (phosphor copper)
2	Silvery metal terminal (brass)
3	Silvery metal terminal (copper)

Test method:

Test Item(s)	Test method	Measuring instrument	RoHS Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	100mg/kg
Mercury (Hg)	IEC 62321-4:2013 +AMD1:2017	ICP-OES	1000mg/kg
Hexavalent Chromium [Cr(VI)]	IEC 62321-7-1:2015	UV-VIS	---

Test result(s):

Test Item	Sample			Unit	MDL
	1	2	3		
Lead (Pb)	N.D.	N.D.	N.D.	mg/kg	2
Cadmium (Cd)	N.D.	N.D.	N.D.	mg/kg	2
Mercury (Hg)	N.D.	N.D.	N.D.	mg/kg	2
Hexavalent Chromium [Cr(VI)]	N.D.	N.D.	N.D.	µg/cm ²	0.10

- Remark:
- 1) mg/kg = ppm
 - 2) MDL = Method Detection Limit
 - 3) "N.D." = Not Detected (Below Method Detection Limit)
 - 4) Results & photo(s) in this report refer to test report C202203020497-1E.

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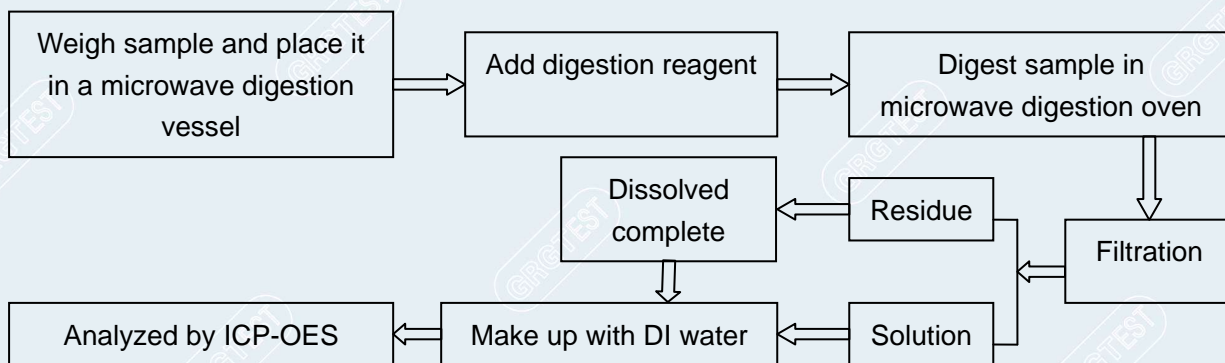
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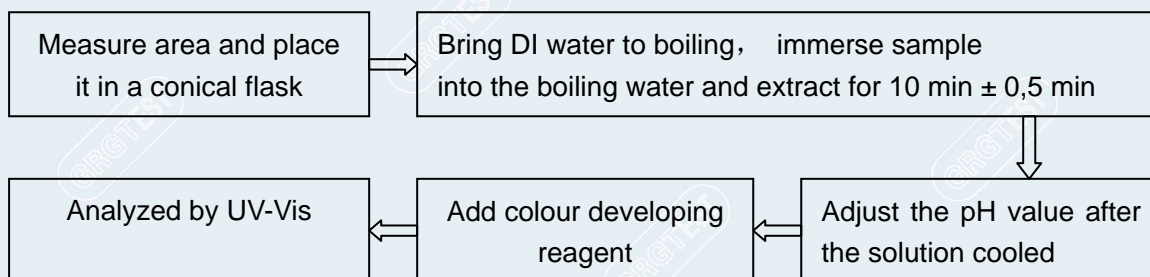
5) For metal sample

- The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than $0.10 \mu\text{g}/\text{cm}^2$).The sample coating is considered a non- Cr(VI) based coating.
- The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than $0.13 \mu\text{g}/\text{cm}^2$.The sample coating is considered to contain Cr(VI).
- 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.

Test Process for Pb / Cd / Hg

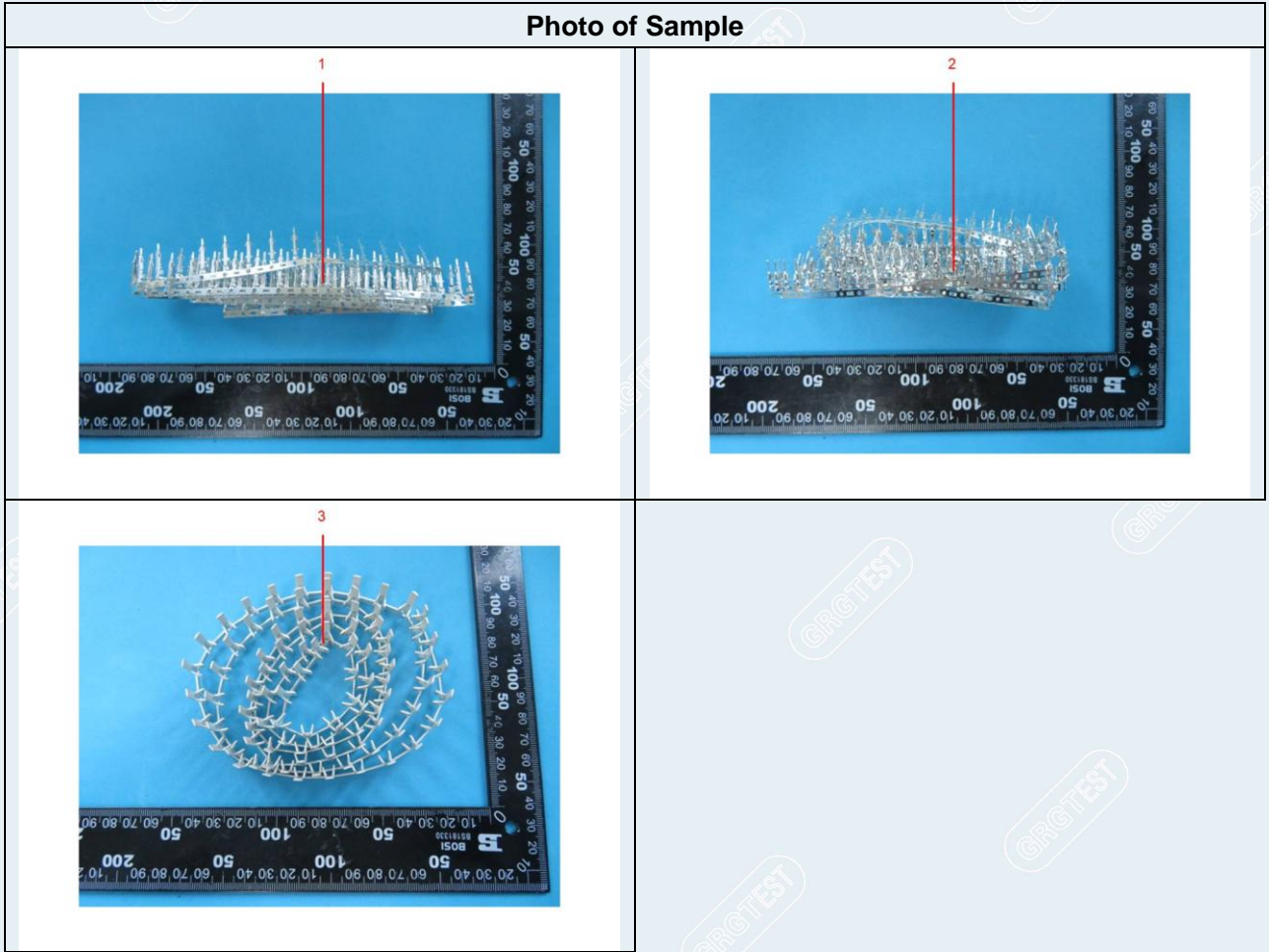


Test Process for Cr (VI)



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-----End of Report-----



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