

## Test Report 检测报告

Report No. 报告编号:  
U00902240604603-5Z

Query Password  
查询密码: QW8006

Date: Jun. 7, 2024  
日期: 2024年6月7日

Page 1 of 7  
页码: 1 / 7

## Applicant

委托单位:

ZheJiang XiangDu Instrument Technology Co., Ltd

浙江祥都仪表科技有限公司

## Contact information

联络信息:

No.316,HongFa Road,QiaoNan Economic and Technological Development

XiaoShan City HangZhou District

杭州市萧山区桥南开发区鸿发路 316 号

## The following sample(s) was (were) submitted and identified by client as:

以下测试样品信息由申请者所提供确认:

Sample Name 样品名称

: KP/EP 镍铬 10

Received Date 接收日期

: Jun. 4, 2024  
2024年6月4日

Testing Period 检测日期

: From Jun. 4, 2024 to Jun. 7, 2024  
2024年6月4日 ~ 2024年6月7日

Test Request 检测要求

: Please refer to next page(s). 请参见下页

Test Result(s)检测结果

: Please refer to next page(s). 请参见下页

Shen Zhen UONE Test Co., LTD.

深圳市宇冠检测有限公司

Prepared by 编制人

Checked by 审核人

Approved by 签发人

Max Wu 吴浩东

Thea Ye 叶莉

Hedy Xu 徐琴连

Max Wu 吴浩东

Thea Ye 叶莉

Hedy Xu 徐琴连

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。

# Test Report 检测报告

Report No. 报告编号:  
U0902240604603-5Z

Query Password  
查询密码: QW8006

Date: Jun. 7, 2024  
日期: 2024 年 6 月 7 日

Page 2 of 7  
页码: 2 / 7

## Summary of Test Results 检测内容:

### TEST REQUEST 测试要求

- (1) RoHS Directive 2011/65/EU and its subsequent amendments Directive (EU) 2015/863

RoHS 指令 2011 / 65 / EU 及其修订指令 (EU) 2015/863

Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))  
铅 (Pb)、镉 (Cd)、汞 (Hg)、六价铬 (Cr(VI))

### CONCLUSION 结论

**PASS**  
合格

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。



## Test Report 检测报告

Report No. 报告编号:  
U0902240604603-5ZQuery Password  
查询密码: QW8006Date: Jun. 7, 2024  
日期: 2024年6月7日Page 3 of 7  
页码: 3 / 7

## Test Material(s) List 测试材料清单:

Material No. 材料编号	Description (Location) 描述 (位置)
1	Silvery metal 银色金属

## Test result(s) 测试结果:

## (1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))

铅 (Pb)、镉 (Cd)、汞 (Hg)、六价铬 (Cr(VI))

Test Method: With reference to IEC 62321-5: 2013, IEC62321-4: 2013+A1:2017, IEC 62321-7-1: 2015 or IEC 62321-7-2: 2017, analyzed by ICP-OES &amp; UV-Vis.

测试方法: 参考 IEC 62321-5: 2013, IEC62321-4: 2013+A1:2017, IEC 62321-7-1: 2015 或 IEC 62321-7-2: 2017, 使用 ICP-OES &amp; UV-Vis 分析。

Test Items 检测项目	Unit 单位	MDL	Limit 限值	Test result 测试结果
				1
Lead 铅 (Pb)	mg/kg	2	1000	N.D.
Cadmium 镉 (Cd)	mg/kg	2	100	N.D.
Mercury 汞 (Hg)	mg/kg	2	1000	N.D.
Hexavalent Chromium 六价铬 (Cr(VI))	See note 1 见备注 1			Negative 阴性
Conclusion 结论				PASS 合格

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. 此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。

## Test Report 检测报告

Report No. 报告编号:  
U0902240604603-5ZQuery Password  
查询密码: QW8006Date: Jun. 7, 2024  
日期: 2024年6月7日Page 4 of 7  
页码: 4 / 7

--Note 1 备注 1:

Boiling-water-extraction:(X represents the results of the tested sample )

沸水提取: X 为待测样品结果

Number 序号	Colorimetric result (Cr(VI) concentration) 比色结果(铬(VI)浓度)	Judgement 判定
1	$X < 0.1 \mu\text{g}/\text{cm}^2$	Negative# 阴性#
2	$0.1 \mu\text{g}/\text{cm}^2 \leq X \leq 0.13 \mu\text{g}/\text{cm}^2$	Uncertainty# 不确定#
3	$X > 0.13 \mu\text{g}/\text{cm}^2$	Positive# 阳性#

#

- Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating. 阴性表明测试区域内六价铬含量低于定量极限, 认定镀层不存在六价铬;
- Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination. 不确定表明测试区域镀层六价铬的不可避免的变化影响结果判定, 导致无法判定结果;
- Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI). 阳性表明测试区域内六价铬含量高于定量极限, 认定镀层含有六价铬;
- Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing. 由于未获知样品的存储条件和生产日期、样品的六价铬测试结果仅代表测试时样品的状态。

- Note 备注:**
- mg/kg = milligram per kilogram (ppm). mg/kg = 毫克每千克(ppm)。
  - MDL= method detection limit. MDL= 方法检出限。
  - N.D.=not detected(less than MDL). N.D. = 未检测到(小于MDL)。
  - Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating. 阴性=不存在六价铬涂层/表面层; 阳性=存在六价铬涂料/表面层。

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. 此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。



# Test Report 检测报告

Report No. 报告编号:  
U0902240604603-5Z

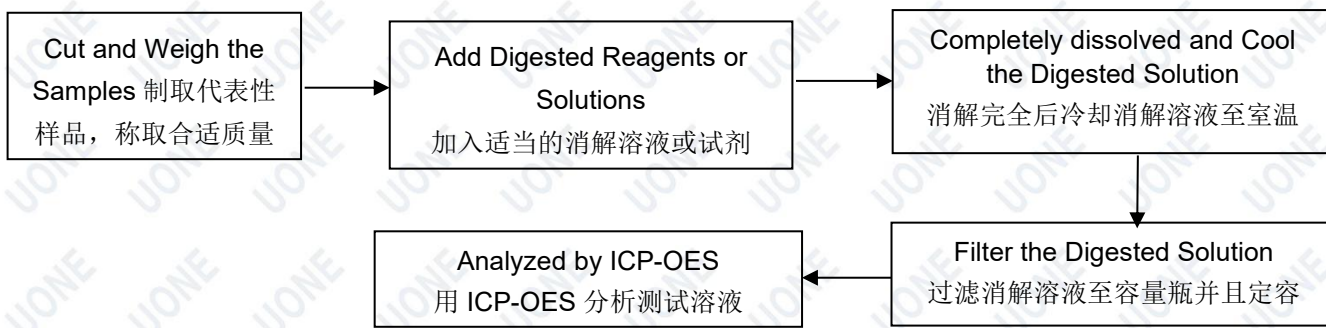
Query Password  
查询密码: QW8006

Date: Jun. 7, 2024  
日期: 2024年6月7日

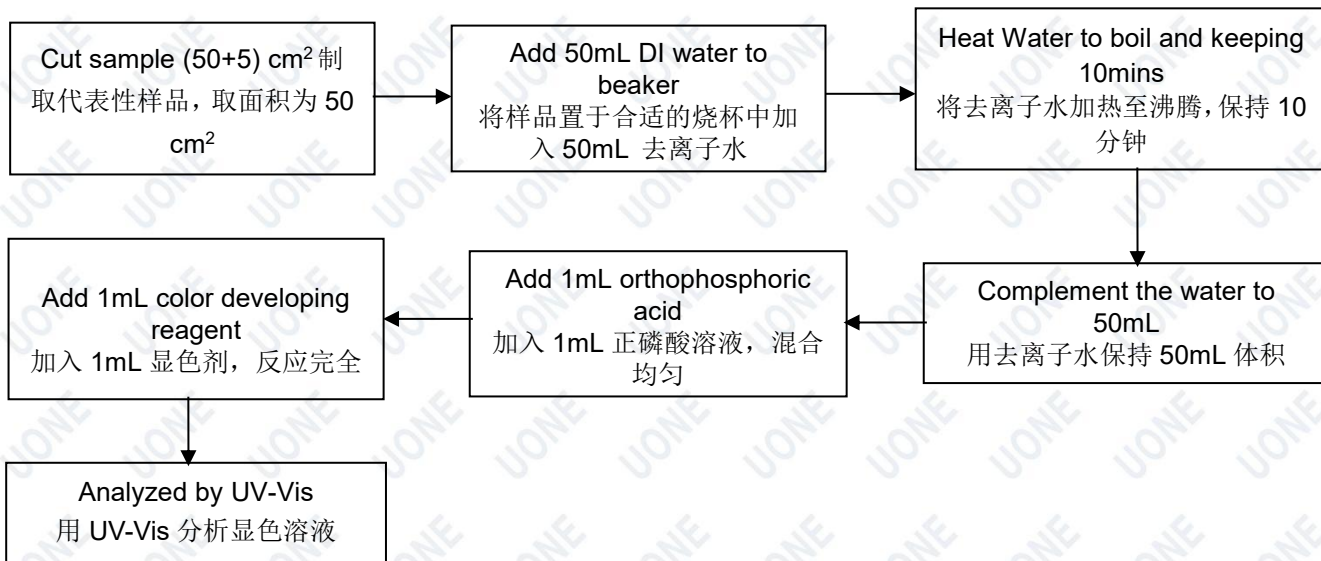
Page 5 of 7  
页码: 5 / 7

## Test Process Flow 检测流程图

### 1. Lead, Cadmium, Mercury 铅、镉、汞



### 2. Hexavalent Chromium (Metal) 六价铬 (金属)



This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。

# Test Report 检测报告

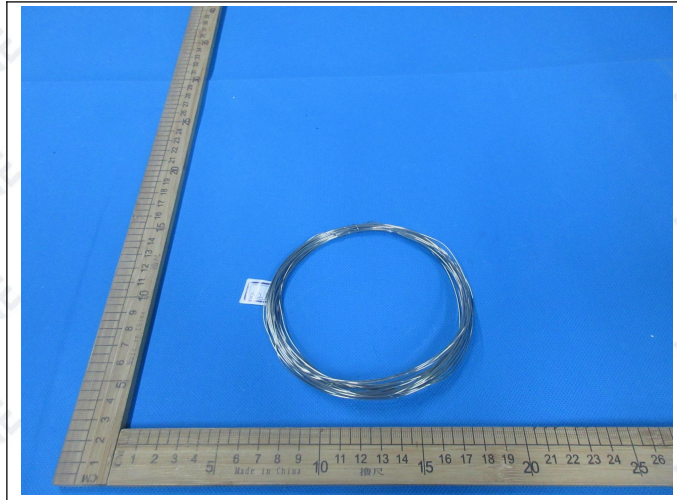
Report No. 报告编号:  
U0902240604603-5Z

Query Password  
查询密码: QW8006

Date: Jun. 7, 2024  
日期: 2024 年 6 月 7 日

Page 6 of 7  
页码: 6 / 7

Photo(s) of Sample  
样品图片



\*\*\*End of Report 报告结束\*\*\*

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.此报告仅在有效的电子印章下有效, 请使用 Adobe reader 7.0 以上软件查看。



# Test Report 检测报告

Report No. 报告编号:  
U0902240604603-5Z

Query Password  
查询密码: QW8006

Date: Jun. 7, 2024  
日期: 2024年6月7日

Page 7 of 7  
页码: 7 / 7

## Statement 声明

1.The information listed on the first page of this test report, except the date of receipt, test date, test result and test conclusion, is provided by the client. The client shall be responsible for the representativeness of sample and authenticity of materials, for which UONE shall bear no responsibilities.

本检测报告首页所列信息中除接收日期、检测日期、检测结果和检测结论外,均由委托方提供,委托方对样品的代表性和资料的真实性负责,本公司不承担任何相关责任。

2.The test conclusion of this report are only applicable to the test samples submitted for inspection, and the samples submitted for inspection are only kept for 30 days, and the company does not bear other joint and several liabilities other than the test results.

本报告检测结论仅适用于送检的测试样品,送检样品仅保存30天,本公司不承担检测结果以外的其他连带责任。

3.The test report shall take effect only with the seal of the company, and this report shall not be deleted or modified.

检测报告加盖本公司印章才生效,本报告不可以删改。

4.This report shall not be reproduced in whole or in part without the written authorization of the Company.

未经本公司书面授权,不得整体或部分复制本报告。

5.Objection should be issued in 15 days upon receiving the report, overdue opinion is inadmissible.

对于检测结果若有异议,应于收到报告之日起十五日内向本公司提出,逾期不予受理。

6.If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

报告未加盖资质认定标志章,则仅用于科研、教学、内部质量控制等活动,不可用作向社会出具具有证明作用数据的用途。

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.此报告仅在有效的电子印章下有效,请使用 Adobe reader 7.0 以上软件查看。