

# 检测报告 TEST REPORT

报告编号 (No.) :UTS25050065M35 报告日期 (Report Date) : 2025/05/16

委托单位/Client : 浦项世亚线材 (南通) 有限公司  
POS-SeAH Steel Wire (Nantong) Co.,Ltd.  
地址/Address : 江苏省南通市经济开发区江海路 92 号  
No.92 Jianghai Road,Nantong Economic&Technology Development  
Zone ,Jiangsu

以下样品信息由申请人提供及确认:

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

样品名称/Sample Name : CHQ WIRE 冷锻用线材/CHQ Wire Cold Forging Wire  
钢 种/Steel Type : 16MnCr5  
接样日期/Receiving Date : 2025/05/09  
检测项目/Test Item : 禁用物质 4 项/Prohibited substances 4 items  
结 论/Conclusion : 申请人所提供的样品的测试结果符合 GB/T 30512-2014《汽车禁用物质要求》。/Based on the analysis of the submitted sample, the results meet the requirements of GB/T 30512-2014 Requirements for prohibited substances on automobiles.

签 发 樊建红  
Approved by 樊建红 授权签字人

审 核 马林  
Reviewed by 马林

编 制 黄佳蔚  
Prepared by 黄佳蔚

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江苏省优联检测技术服务有限公司

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UNITED TESTING SERVICES (JIANGSU) CO., LTD.

Address: Building 3, No.50 Beiguandu Road, Wuzhong Zone, Suzhou, Jiangsu, China , 215021  
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检 测 报 告  
TEST REPORT

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## 1、测试标准/Test Standard(s)

QC/T 941-2013; QC/T 942-2021; QC/T 943-2013

## 2、测试日期/Test Date(s)

2025/05/13-2025/05/14

## 3、测试设备/Test Equipment(s)

设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
等离子体发射光谱仪 ICP-OES	M-1-584	2025/12/14
紫外可见分光光度计 UV-vis	M-1-622	2025/12/12

## 4、测试结果/Test Result(s)

检测项目 Test Items	检测方法 Methods	方法检测限 MDL (mg/kg)	检测结果 Results (mg/kg)	限值* Limits (mg/kg)
铅/Pb	M1	2	N.D.	1000
镉/Cd		2	N.D.	100
汞/Hg	M2	2	N.D.	1000
六价铬/Cr (VI)	M3	---	阴性 Negative	---

注意/Remark : \*报告中述及的限值参考 GB/T 30512-2014 《汽车禁用物质要求》。 / The Limits are refer to GB/T 30512-2014 Requirements for prohibited substances on automobiles.

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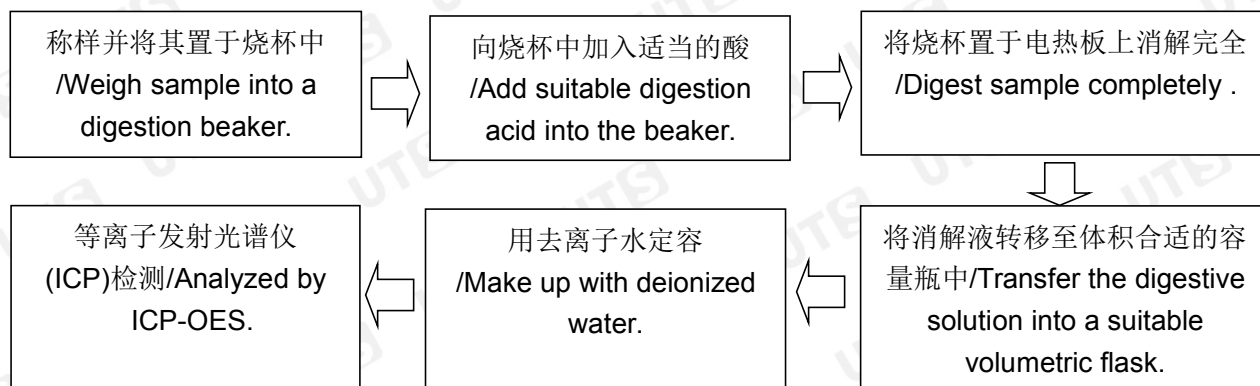
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- 备注/Note:
- 1) N.D. = 未检出, 小于方法检测限/Not detected, less than MDL.
  - 2) “---” = 未明确规定/Not Regulated.
  - 3) M1: 参考 QC/T 943-2013, 采用电感耦合等离子体发射光谱仪进行测定。  
With reference to QC/T 943-2013, analysis was performed by ICP-OES.
  - 4) M2: 参考 QC/T 941-2013, 采用电感耦合等离子体发射光谱仪进行测定。  
With reference to QC/T 941-2013, analysis was performed by ICP-OES.
  - 5) M3: 参考 QC/T 942-2021/With reference to QC/T 942-2021,  
点测试法: 阴性=样品中未检测到六价铬, 阳性=样品中检测到六价铬;  
(当点测试结果为无法确定时, 将采用沸水萃取法来检验结果)  
沸水萃取法: 阴性=样品中未检测到六价铬; 阳性=样品中检测到六价铬,  
50cm<sup>2</sup> 表面积的被测试样品在沸水萃取溶液中六价铬的浓度等于或大于 0.1µg/cm<sup>2</sup>。Spot  
test: Negative=Not detected Cr(VI) in plating; Positive=Detected Cr(VI) in plating.  
(If you are not sure about the result of the Spot test, use the boiling water extraction  
method to confirm the result)  
Boiling water extraction method:  
Negative= Not detected Cr(VI) in plating; Positive=The Cr(VI) concentration detected is  
equal to or greater than 0.1µg/cm<sup>2</sup> with a sample surface area of 50cm<sup>2</sup> used.

测试部位描述/TEST PART DESCRIPTION: 金属/Metal

## 检测流程图/FLOW CHART

### 1. Pb、Cd 检测/Test for Pb, Cd Content



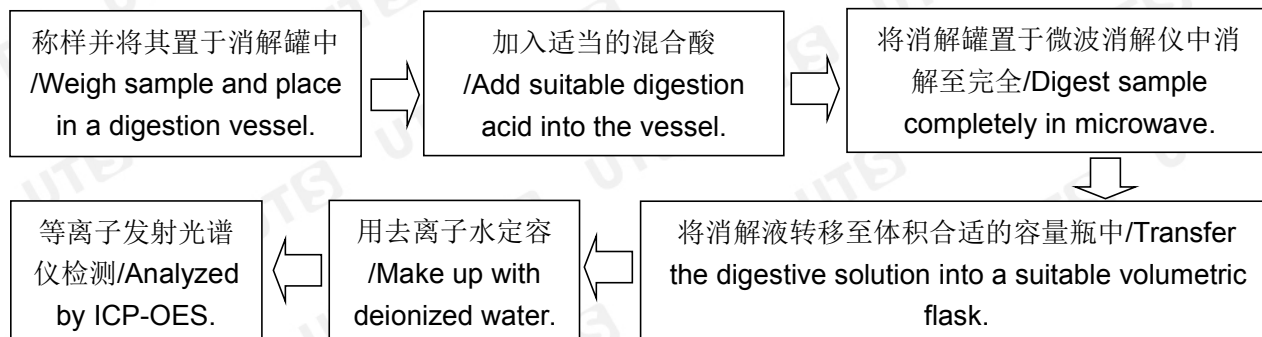
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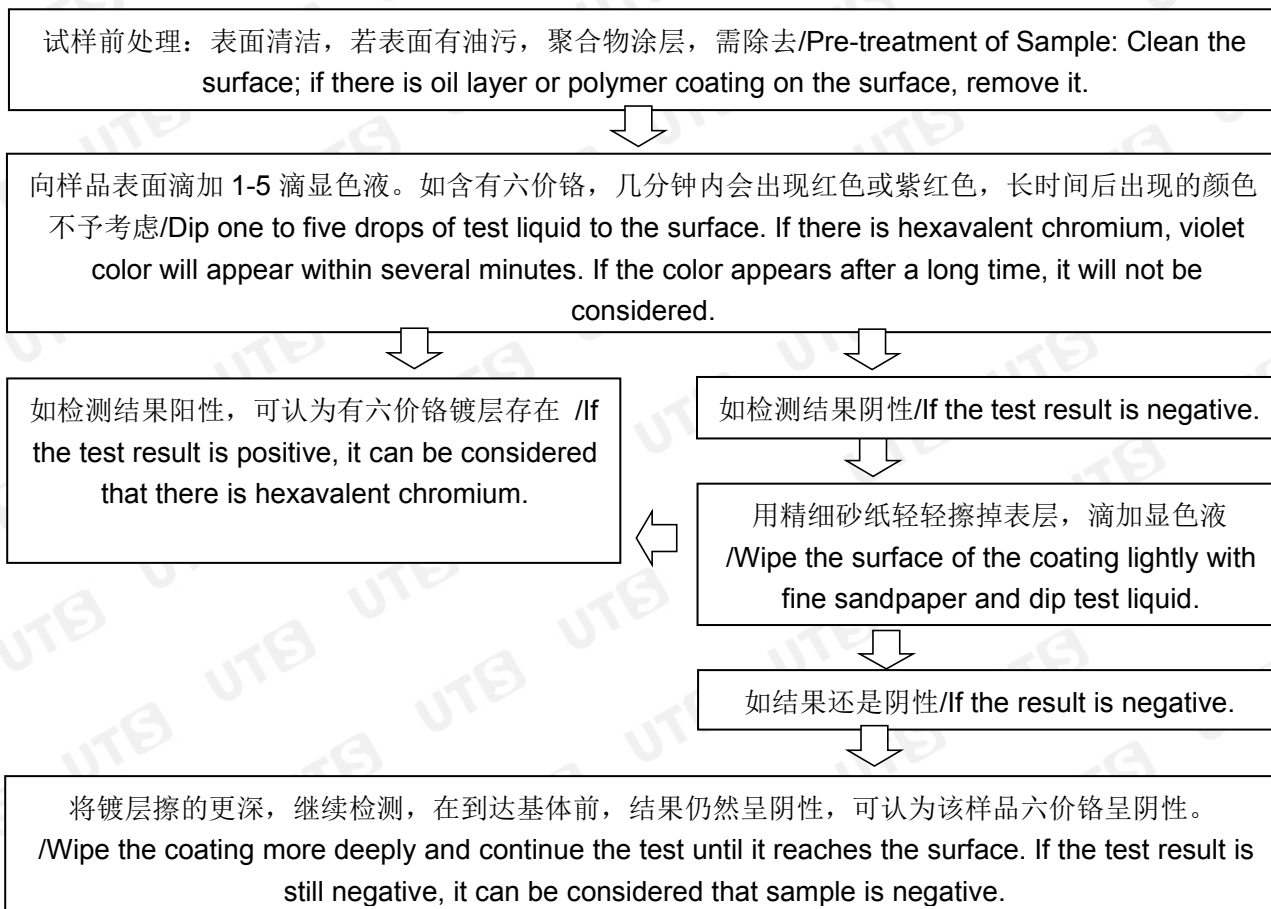
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## 2. Hg 检测/Test for Hg Content



## 3. 六价铬 Cr (VI) 检测/Test for Chromium (VI) Content

### a) 点滴试验法/Point test method:



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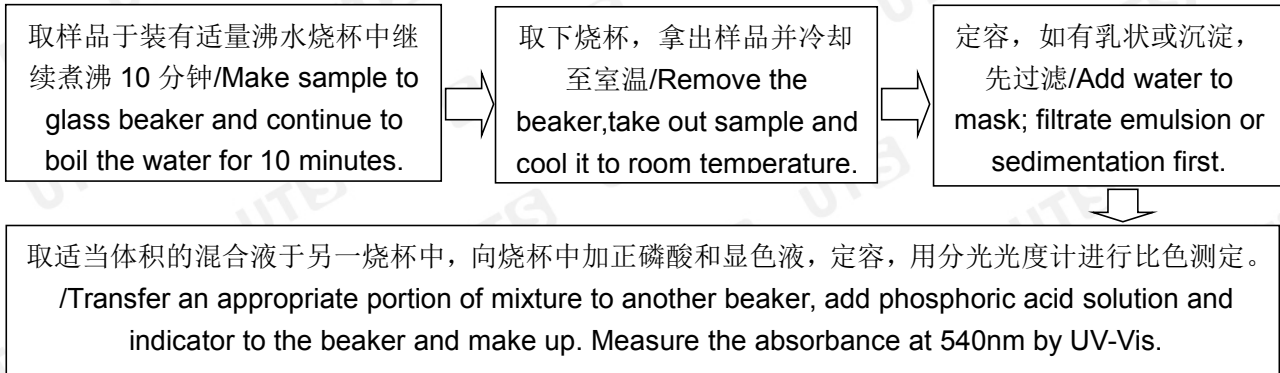


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b) 沸水萃取法/Boiling water extraction method:



5、样品照片/Sample photo(s)



.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

Test results in this report are only used for scientific research, teaching and internal quality control.