

检测报告 TEST REPORT

报告编号 (No.) : UTS25110028M01 报告日期 (Report Date) : 2025/11/10

委托单位/Client : 富钦金属科技 (昆山) 有限公司
Fulltech industry (Kunshan) Co., Ltd
地址/Address : 江苏省昆山市玉山镇晨丰东路 159 号
No.159 Chenfeng East Road, Yushan Town, Kunshan City, Jiangsu Province

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 : 618372301D 扭矩管/618372301D Torque tube
批 号/Lot No. : 2025-10
材 料/Material : 锌合金 (5#ZN) /Zinc alloy (5#ZN)
接样日期/Receiving Date : 2025/11/04
检测项目/Test Item : ELV 4 项/ELV 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 闵丹丹
Prepared by 闵丹丹

Page 1 of 5

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test report refer only to the sample(s) tested unless otherwise stated. This test report shall not be reproduced, except in full, without written approval of the Company. 本报告按本公司所制定之通用服务条款所编制发放。请注意本报告首页背面之此条款，本公司之义务、免责、管辖权均有明确规定，该条款也可向本公司索取。除非另有说明，本报告仅对来样负责，未经许可，不得部分复制本报告。

江苏省优联检测技术有限公司

地址: 苏州市吴中区越溪街道北官渡路50号3幢 215021
电话 (Tel) : +0512-66358200

UNITED TESTING SERVICES (JIANGSU) CO., LTD.

Address: Building 3, No.50 Beiguandu Road, Wuzhong Zone, Suzhou, Jiangsu, China, 215021
传真 (Fax) : +0512-66358088

----- www.uts.com.cn -----

检 测 报 告
TEST REPORT

报告编号 (No.) :UTS25110028M01

报告日期 (Report Date) : 2025/11/10

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)

2025/11/05-2025/11/06

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 Limited value is refer to GB/T 30512-2014 Requirements for prohibited substances on automobiles.

.....接下页/ To be continued.....

检测报告 TEST REPORT

报告编号 (No.) :UTS25110028M01

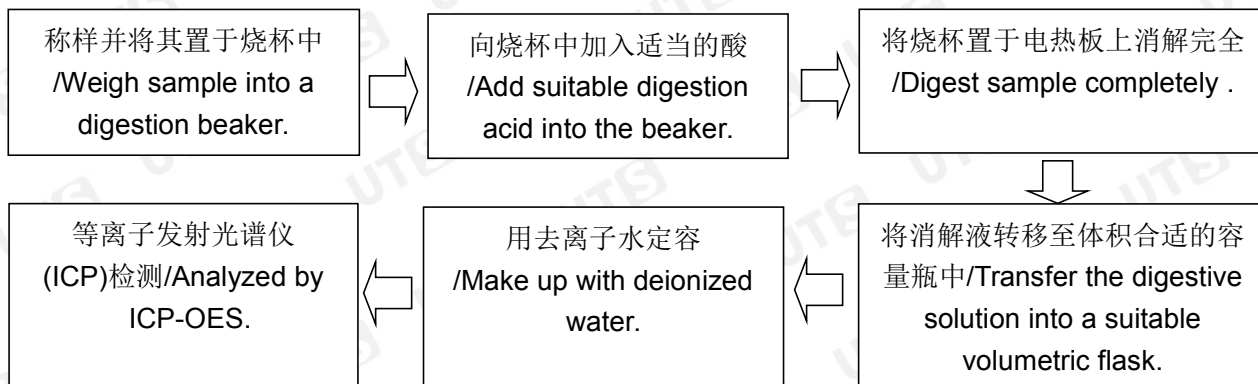
报告日期 (Report Date) : 2025/11/10

- 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,
50cm² 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/cm². 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/cm² with a sample surface area of 50cm² 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



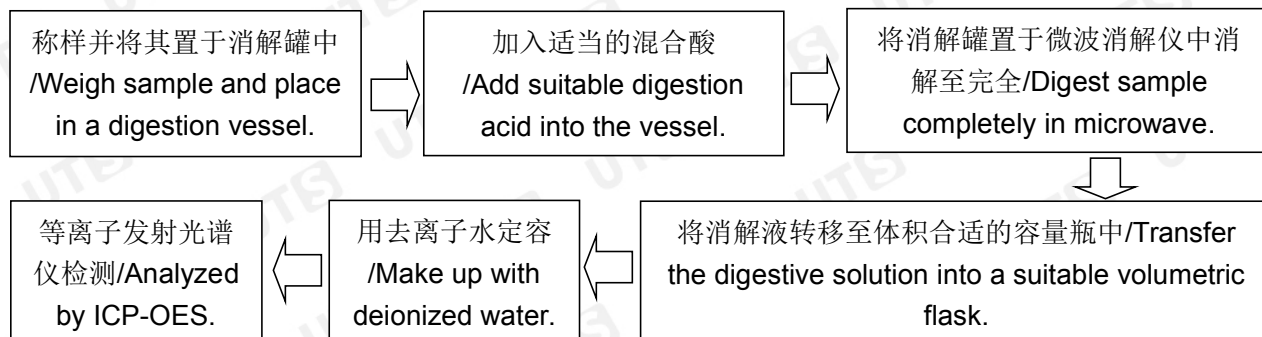
.....接下页/ To be continued.....

检测报告 TEST REPORT

报告编号 (No.) : UTS25110028M01

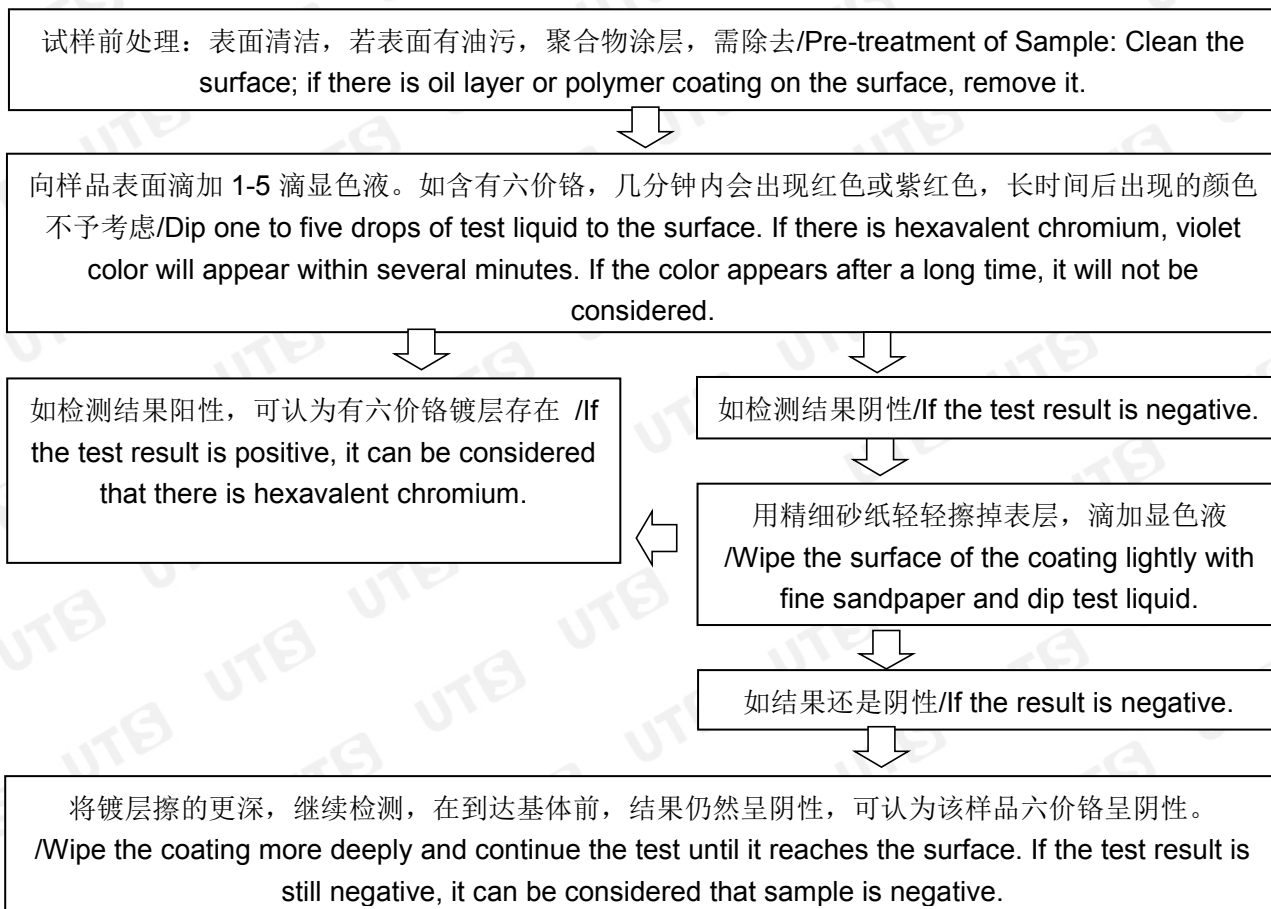
报告日期 (Report Date) : 2025/11/10

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:



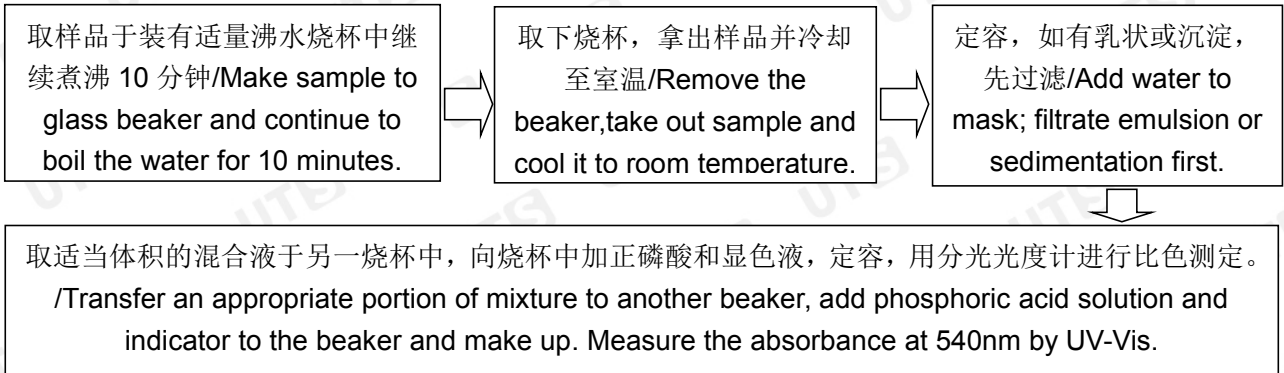
.....接下页/ To be continued.....

检测报告 TEST REPORT

报告编号 (No.) :UTS25110028M01

报告日期 (Report Date) : 2025/11/10

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.