



TEST REPORT

检测报告

Applicant : Hebei Ruiyun Wire Mesh Technology Co., Ltd
委托方 : 河北瑞云丝网科技有限公司
Address : No.8, Jingqi Road, High-tech Industrial Development Zone, Anping County,
地址 : Hengshui City, Hebei Province
河北省衡水市安平县高新技术产业开发区经七路 8 号

Report on the submitted samples said to be:

委托检测的样品及申请者对样品的说明如下 :

Sample Name(s) : Epoxy resin mesh

样品名称 : 环氧树脂网

Trade Mark :
商标 : N/A

Tested Model No. :
测试型号 : N/A

Sample Received Date : July 30, 2026

样品接收日期 : 2026 年 07 月 30 日

Testing Period : August 03, 2026 ~ August 05, 2026

样品检测日期 : 2026 年 08 月 03 日 ~ 2026 年 08 月 05 日

Date of Report : August 05, 2026

报告签发日期 : 2026 年 08 月 05 日

Testing Location : 901, No.40 Building, Xialang Industrial Zone, Heshuikou Community,
样品检测地址 : Matian Street, Guangming District, Shenzhen, Guangdong, China
广东省深圳市光明区马田街道合水口社区下朗工业区第四十栋 901

Test Results : Please refer to next page(s).

检测结果 : 参见后续页。

Signed for and on behalf of LCS

Yin Dong

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Shenzhen LCS Compliance Testing Laboratory Ltd. | Add: 901, No.40 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street,
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电话 Tel: +(86) 0755-82591330 | 邮箱 E-mail: webmaster@lcs-cert.com | 网址 Web: www.lcs-cert.com
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TEST REQUEST 检测要求	CONCLUSION 结论
As specified by the client, the designated components of the submitted sample were tested. The detected contents of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), compliance with the limit requirements specified in RoHS Directive 2011/65/EU as amended by (EU) 2015/863. 按客户要求，对送检样品的指定部件进行检测，所检出的铅（Pb）、镉（Cd）、汞（Hg）、六价铬（Cr(VI)）含量，均符合经（EU）2015/863 号修订案修订的《关于限制在电子电气设备中使用某些有害成分的指令》（RoHS 2011/65/EU）中规定的限值要求。	PASS (合格)

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**Sample description:****样品描述:**

1. Black metal
黑色金属

Test method:**检测方法:****Lead(Pb) & Cadmium(Cd) Content:**

Refer to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES) or atomic absorption spectrometer (AAS).

铅(Pb)和镉(Cd)含量:

参照 IEC 62321-5:2013 检测方法, 样品经酸消解后用电感耦合等离子体发射光谱仪(ICP-OES)或者原子吸收光谱仪(AAS)进行检测。

Mercury(Hg) Content:

Refer to IEC 62321-4:2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES).

汞(Hg)含量:

参照 IEC 62321-4:2013+AMD1:2017 CSV 检测方法, 样品经酸消解后用电感耦合等离子体发射光谱仪(ICP-OES)进行检测。

Hexavalent Chromium(Cr(VI)) Content:

Refer to IEC 62321-7-1:2015, analysis was performed by UV-visible spectrophotometer (UV-Vis).

六价铬(Cr(VI))含量:

参照 IEC 62321-7-1:2015 检测方法, 用紫外-可见分光光度计(UV-Vis)进行检测。

Test result(s):**检测结果:**

Tested Item(s) 检测项目	MDL (mg/kg)	Test Result(s) (mg/kg) 检测结果	Limit (mg/kg) 限值
		1	
Lead(Pb) Content 铅(Pb)含量	5	55	1000
Cadmium(Cd) Content 镉(Cd)含量	5	N.D.	100
Mercury(Hg) Content 汞(Hg)含量	5	N.D.	1000

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Tested Item(s) 检测项目	MDL ($\mu\text{g}/\text{cm}^2$)	Test Result(s) 检测结果
		1
Hexavalent Chromium(Cr(VI)) Content★ (for coating on metal- water-extraction**) 六价铬(Cr(VI))含量 (金属镀层-沸水提取法**)	0.10 (LOQ)	Negative 阴性

Note:

备注:

MDL = Method Detection Limit

MDL = 方法检出限

N.D.=Not Detected(<MDL)

N.D.=未检出(低于 MDL)

mg/kg= milligram per kilogram=ppm

mg/kg =毫克每千克=百万分之一

 $\mu\text{g}/\text{cm}^2$ = micrograms per square centimeter $\mu\text{g}/\text{cm}^2$ = 微克每平方厘米LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is $0.10 \mu\text{g}/\text{cm}^2$ LOQ = 定量检测下限, 六价铬(Cr(VI)) 的 LOQ 为 $0.10 \mu\text{g}/\text{cm}^2$

**=Boiling-water-extraction:

**=沸水提取法:

★ = a. 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).b. 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.c. 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.★ = a. 如果 Cr(VI)浓度大于 $0.13 \mu\text{g}/\text{cm}^2$, 则样品中的 Cr(VI)为阳性, 样品涂层被认为含有 Cr(VI)。b. 如果 Cr(VI)为 N.D.(浓度小于 $0.10 \mu\text{g}/\text{cm}^2$), 则样品中的 Cr(VI)为阴性, 样品涂层被认为是不含有 Cr(VI)。c. 如果 Cr(VI)浓度在 $0.10 \mu\text{g}/\text{cm}^2$ 和 $0.13 \mu\text{g}/\text{cm}^2$ 之间, 这样的结果被认为是不确定的, 不可避免的涂层变化可能影响测定。

Information on storage conditions and production date of the tested samples is unavailable and thus

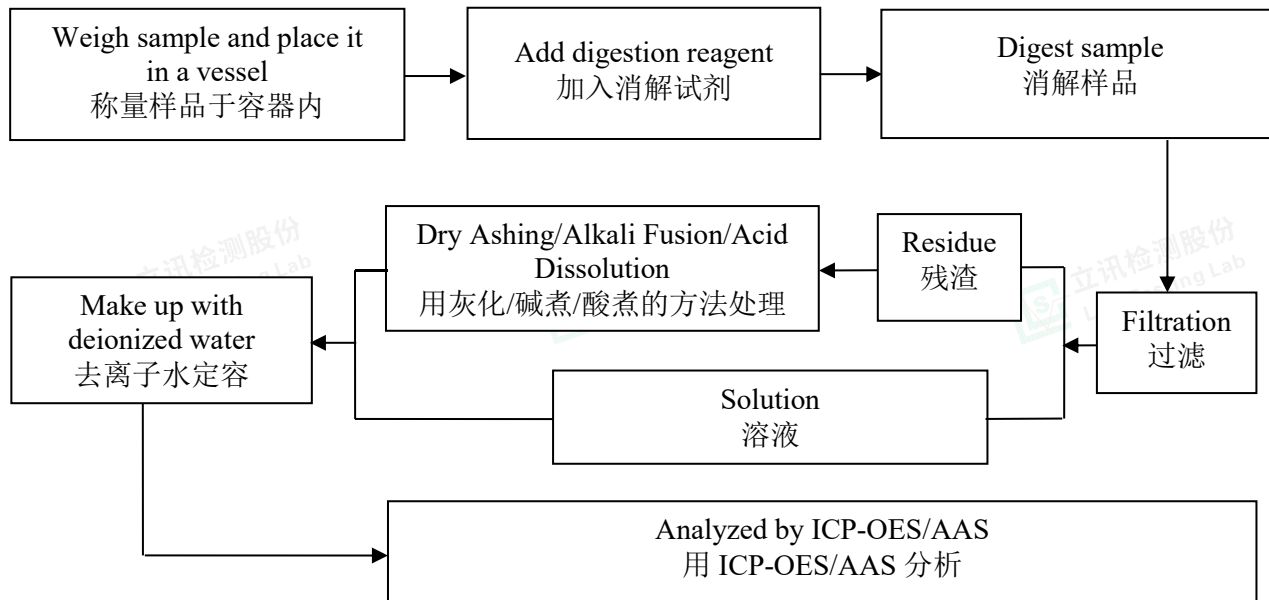
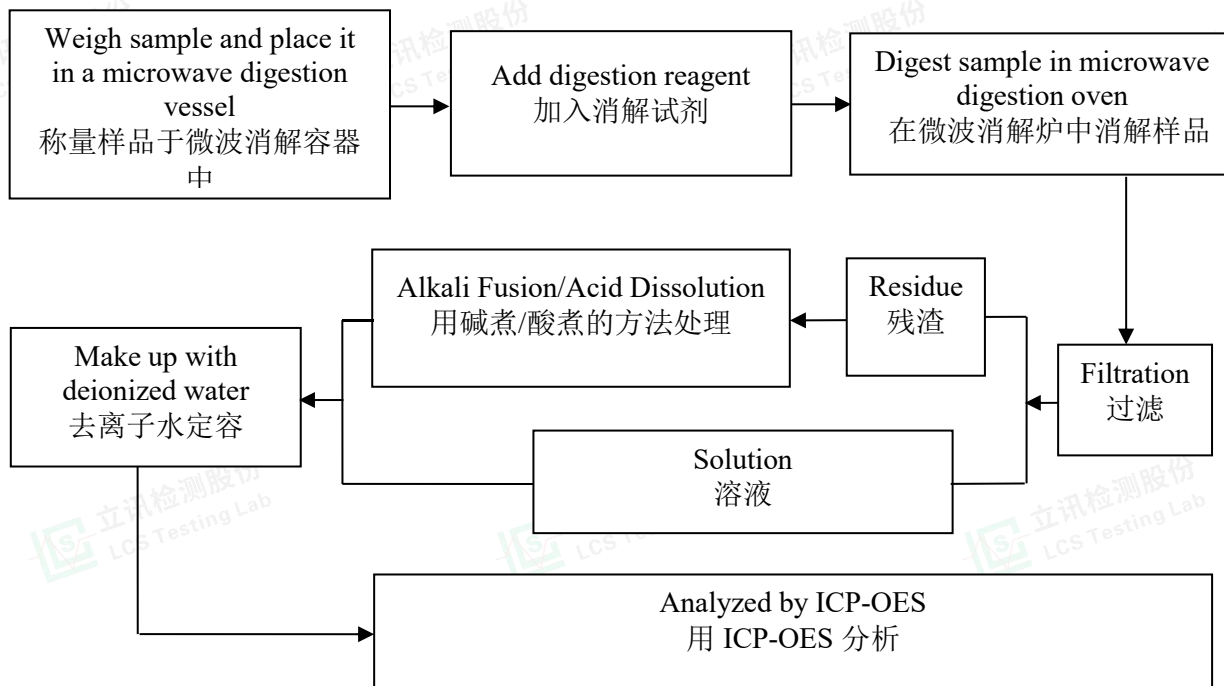
Cr(VI) results represent status of the sample at the time of testing.

被测样品的储存条件和生产日期的信息无法得到, 因此, Cr(VI)结果表示检测时样品的状态。

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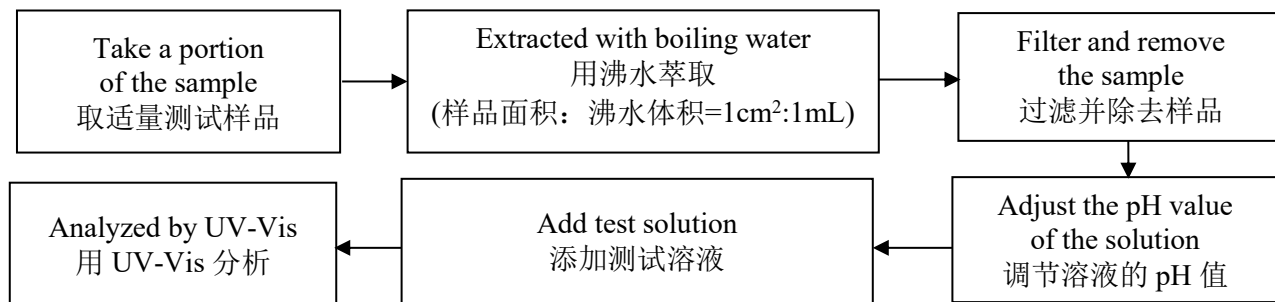


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**Test Process****检测流程****1. Lead(Pb) & Cadmium(Cd): IEC 62321-5:2013 铅(Pb)和镉(Cd): IEC 62321-5:2013****2. Hg: IEC 62321-4:2013+AMD1:2017 CSV 汞: IEC 62321-4:2013+AMD1:2017 CSV**



3. Hexavalent Chromium(Cr(VI))六价铬(Cr(VI)): IEC 62321-7-1:2015



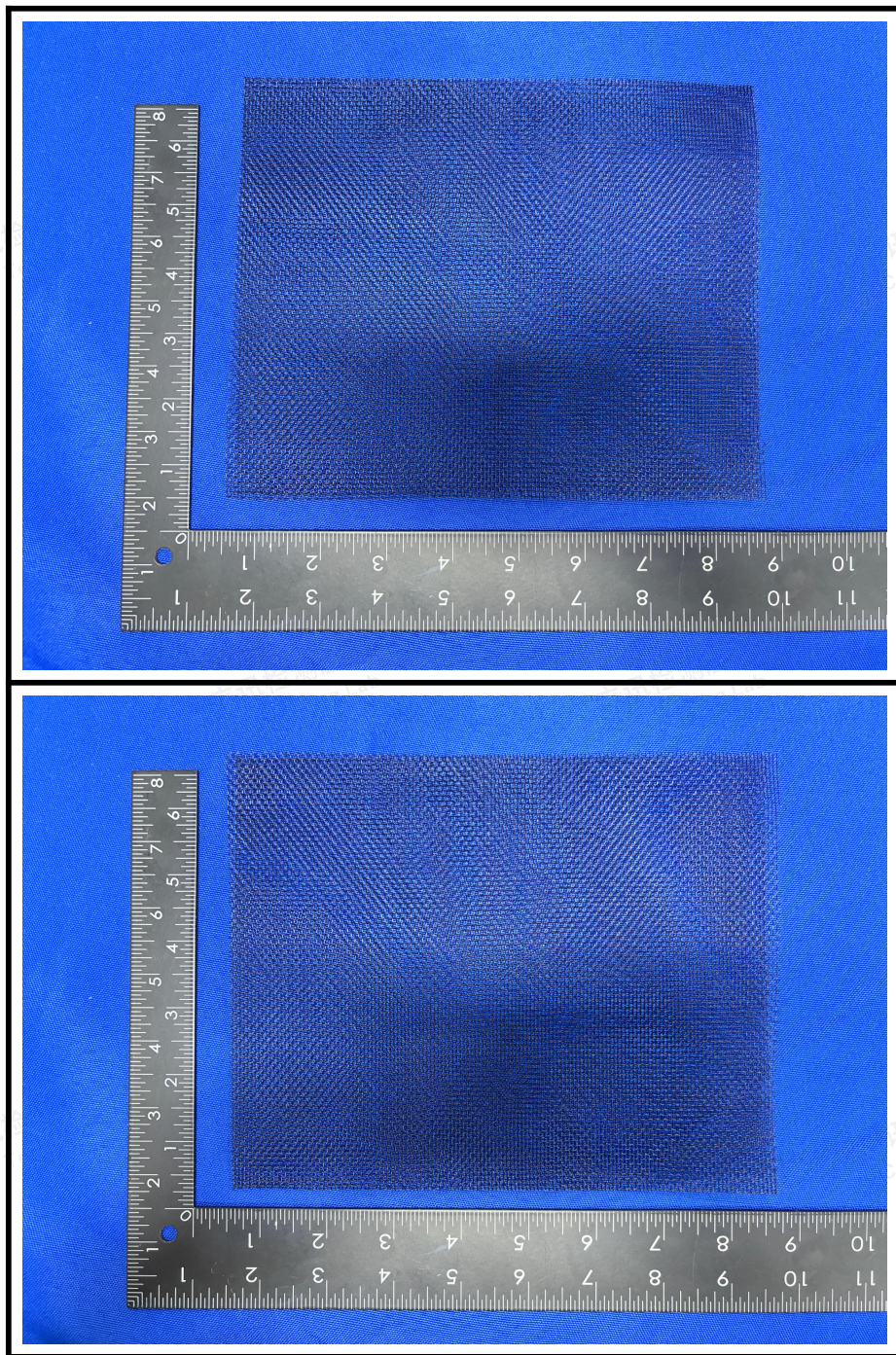
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The photo(s) of the sample 样品图片



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*** End of Report ***

*** 报告结束 ***

