



中国认可
国际互认
检测
TESTING
CNAS L6478



检测报告 TEST REPORT

报告编号/ Report No..... : WTF24F07170136C

委托方/ Applicant : DCL MOLD & AUTO PARTS CO., LTD.

地址/ Address : 98/10 Moo2, Nongchak, Banbueng, Chonburi 20170
Thailand

买家/ Buyer : 美的/ Midea

样品名称/ Sample Name : 底盘/ Chassis

样品型号/ Sample Model..... : US-KC23/BP2N8Y-IQB(CN0).4.0(WP)

样品物料编码/ Sample Material Code : 12220300005818

检测要求/ Test Requested : 根据客户要求, 测试送检样品中欧盟RoHS指令2011/65/EU
要求的铅、汞、镉、六价铬含量
As specified by client, to determine the Lead, Mercury,
Cadmium, Hexavalent chromium content of EU RoHS
Directive 2011/65/EU in the submitted sample.

检测方法/ Test Method..... : 参见报告下页/ Refer to next page (s)

检测结论/ Test Conclusion : 符合 (详情请参见下一页)
Pass (Please refer to next pages for details)

样品接收日期/ Date of Receipt sample : 2024-07-19

检测周期/ Testing period : 2024-07-19 ~ 2024-07-23

报告日期/ Date of Issue..... : 2024-07-23

检测结果/ Test Result..... : 参见报告下页 / Refer to next page (s)

报告制作/ Prepared By:

佛山市沃特测试技术有限公司

Waltek Testing Group (Foshan) Co., Ltd.

地址: 广东省佛山市顺德区陈村镇赤花居委会广隆工业园兴业4路顺联机械城二座二层13-19号

Address: No.13-19, 2/F., 2nd Building, Sunlink Machinery City, Xingye 4 Road, Guanglong Industrial Park,
Chihua Neighborhood Committee, Chencun Town, Shunde District, Foshan, Guangdong, China

电话/ Tel:+86-757-23811398 传真/ Fax:+86-757-23811381 邮箱/ E-mail:info@waltek.com.cn

佛山市沃特测试技术有限公司

授权签字人

Signed for and on behalf of

Waltek Testing Group (Foshan) Co., Ltd.

梁志聪

梁志聪/Swing.Liang



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测试结果/ Test Results:

测试方法/ Test Method:

- 参考IEC62321-5:2013, 使用ICP-OES检测铅、镉含量;
- 参考IEC62321-4:2013+AMD1:2017 CSV, 使用ICP-OES检测汞含量;
- 参考IEC62321-7-1:2015, 使用UV-Vis检测六价铬含量。
- With reference to IEC62321-5:2013, determination of Lead and Cadmium by ICP-OES;
- With reference to IEC62321-4:2013+AMD1:2017 CSV, determination of Mercury by ICP-OES;
- With reference to IEC62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric Method.

测试项目 Test Item(s)	单位 Unit	测试结果 Test Results	定量限 LOQ	客户限值 Client's limit
		No.1		
铅 Lead (Pb)	mg/kg	ND	2	600
镉 Cadmium (Cd)	mg/kg	ND	2	75
汞 Mercury (Hg)	mg/kg	ND	2	600
六价铬 Hexavalent Chromium (Cr ⁶⁺)	mg/kg	阴性 Negative	见备注 See Note	600
结论/ Conclusion	--	符合 / Pass	--	--

测试项目 Test Item(s)	单位 Unit	测试结果 Test Results	定量限 LOQ	客户限值 Client's limit
		No.2		
铅 Lead (Pb)	mg/kg	ND	2	600
镉 Cadmium (Cd)	mg/kg	ND	2	75
汞 Mercury (Hg)	mg/kg	ND	2	600
六价铬 Hexavalent Chromium (Cr ⁶⁺)	mg/kg	阴性 Negative	见备注 See Note	600
结论/ Conclusion	--	符合 / Pass	--	--



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备注/ Note:

(1) ND = 未检出, 检测值小于定量限/ Not Detected or lower than limit of quantitation

(2) mg/kg = 毫克每千克 (milligram per kilogram) = 百万分之一 (ppm)

(3) LOQ = 定量限/ Limit of quantitation

(4) "--" = 未规定/ Not regulated

(5) 根据IEC 62321-7-1: 2015沸水萃取:

阴性 = 表示涂层不存在 Cr^{6+} , 即在沸水萃取溶液中六价铬浓度小于 $0.10\text{ug}/\text{cm}^2$

不确定 = 即在沸水萃取溶液中六价铬浓度大于或等于 $0.10\text{ug}/\text{cm}^2$ 和小于或等于 $0.13\text{ug}/\text{cm}^2$

阳性 = 表示涂层存在 Cr^{6+} , 即在沸水萃取溶液中六价铬浓度大于 $0.13\text{ug}/\text{cm}^2$

关于金属样品的保存条件和生产日期将不能被采用, 其测试结果只能证明当下方法测试下样品是否存在/不存在 Cr^{6+} 。

According to IEC 62321-7-1:2015, boiling water extraction:

Negative = Absence of Cr^{6+} coating, the detected concentration in boiling water extraction solution is less than $0.10\text{ug}/\text{cm}^2$.

Inconclusive = the detected concentration in boiling water extraction solution is greater than or equal to $0.10\text{ug}/\text{cm}^2$ and less than or equal to $0.13\text{ug}/\text{cm}^2$.

Positive = Presence of Cr^{6+} coating, the detected concentration in boiling water extraction solution is greater than $0.13\text{ug}/\text{cm}^2$.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr^{6+} results represent status of the sample at the time of testing.

样品描述 / Specimen Description:

样品编号 Specimen No.	样品描述 Specimen Description
1	银色金属板 Silvery metal plate
2	银色金属轴 Silvery metal axle

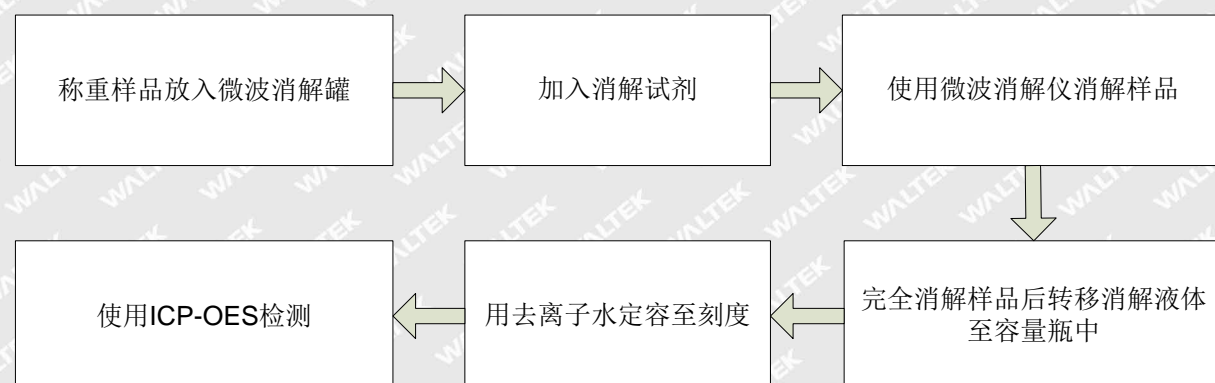


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测试流程图:

1. 铅、镉、汞测试流程图

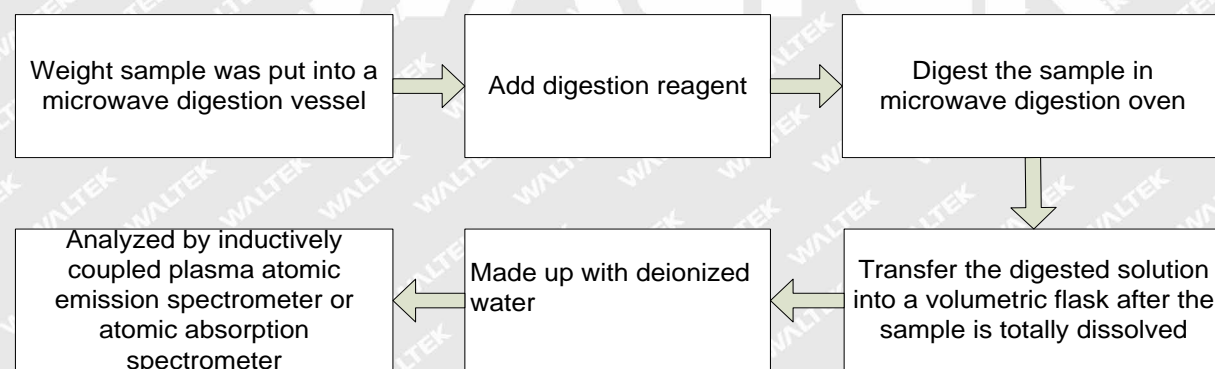


2. 六价铬测试流程图

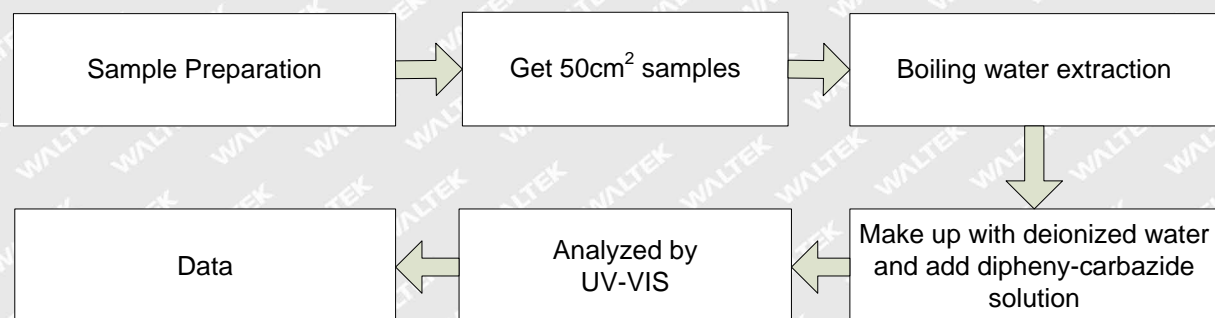


Testing Flow chart:

1. Test for Cd/ Pb/ Hg contents



2. Test for Cr⁶⁺ content

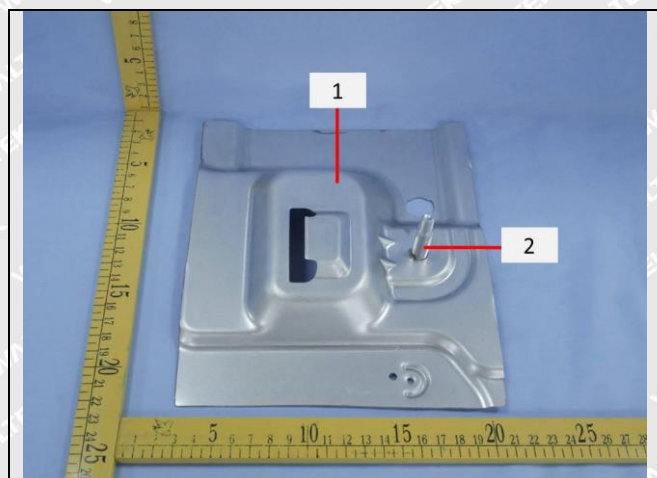




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测试部位图片 / Photograph of parts tested:



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备注/ Remarks:

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=====报告结束/ End of Report =====

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