



中国认可
国际互认
检测
TESTING
CNAS L4136



检测报告

TEST REPORT

报告编号/ Report No..... : WTH25H10270339C

委托方/ Applicant : 东莞市晨龙涂料有限公司
Dongguan City Chenlong Coatings Co., Ltd.

地址/ Address : 东莞市东城街道周屋工业区 186 号厂房三楼
Plant 3 Floor, No. 186 Zhouwu Industrial Zone, Dongcheng Street, Dongguan City

样品名称/ Sample Name : 水性金属涂料混合物(3250 系列)
Water-based metallic coating mixture (3250 series)

检测要求/ Test Requested : 参见报告下页/ Refer to next page (s)

检测结论/ Test Conclusion : 参见报告下页/ Refer to next page (s)

样品接收日期/ Date of Receipt sample : 2025-10-15

检测周期/ Testing period : 2025-10-15 ~ 2025-10-17

报告日期/ Date of Issue..... : 2025-10-18

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

报告制作/ Prepared By:

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Signed for and on behalf of
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Ltd.

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HCT/RF-23-19

检测要求 / Test Requested	检测结论 / Test Conclusion
参照德国 AfPS GS 2019:01PAK 类别 3: 其他消费品, 检测样品中的 15 种多环芳香烃(PAHs)的含量。 / Determine the 15 polycyclic aromatic hydrocarbons (PAHs) content in the sample with reference to the requirements of Category3: Other consumer products according to AfPS GS 2019:01PAK.	合格 / PASS

检测结果 / Test Result(s):
类别 3: 其他消费品 / Category3: Other consumer products

检测方法/仪器 / Test Method/Equipment: AfPs GS 2019:01 PAK; GC-MS

检测项目 Test Item(s)	CAS 号 CAS No.	单位 Unit	方法检出限 MDL	结果 Result(s)	限值 Limit
苯并[a]芘 Benzo[a]pyrene	50-32-8	mg/kg	0.2	ND	<1
苯并[e]芘 Benzo[e]pyrene	192-97-2	mg/kg	0.2	ND	<1
苯并[a]蒽 Benzo[a]anthracene	56-55-3	mg/kg	0.2	ND	<1
苯并[b]荧蒽 Benzo[b]fluoranthene	205-99-2	mg/kg	0.2	ND	<1
苯并[j]荧蒽 Benzo[j]fluoranthene	205-82-3	mg/kg	0.2	ND	<1
苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	mg/kg	0.2	ND	<1
蒽 Chrysene	218-01-9	mg/kg	0.2	ND	<1
二苯并[a,h]蒽 Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.2	ND	<1
苯并[ghi]茈 Benzo[ghi]perylene	191-24-2	mg/kg	0.2	ND	<1
茚并[1,2,3-cd]芘 Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.2	ND	<1
菲 Phenanthrene	85-01-8	mg/kg	0.2	6.8	—
蒽 Anthracene	120-12-7	mg/kg	0.2	ND	—
荧蒽 Fluoranthene	206-44-0	mg/kg	0.2	2.0	—
芘 Pyrene	129-00-0	mg/kg	0.2	1.4	—
(菲, 蒽, 荧蒽, 芘)总量 Sum of (Phenanthrene, Anthracene, Fluoranthene, Pyrene)	—	mg/kg	—	10.2	<50
萘* Naphthalene*	91-20-3	mg/kg	0.2	2.4	<10
以上 15 种 PAHs 总量 Sum of above 15 PAHs	—	mg/kg	—	12.6	<50

备注 / Note:

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

ND=未检出 / ND=Not Detected

MDL=Method Detection Limit

结果显示为 ND 不计入总和的计算。 / Results shown as ND are ignored in the sum calculation.



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*=萘的结果仅代表测试样品在当前测量时的情况。/ *=The naphthalene result always shows only the current situation of the test sample at the time of measuring.

对于样品 1: 结果为湿样品总重量中的含量。/ For specimen 1: The result(s) is(are) of total weight of wet sample.

样品描述/ Sample Description:

序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description		备注 Note	
1	WTH25H10270338C~0 340C.1	1	珠光暗蓝色液体	Pearl dull blue liquid	●

备注/ Note:

●=实际检测样品/●=Actual tested sample

备注/ Remark:

依据 AfPS GS 2019:01PAK, PAHs 最大限值如下(According to AfPS GS 2019:01PAK: Maximum PAHs limits as shown below):

单位(Unit): mg/kg

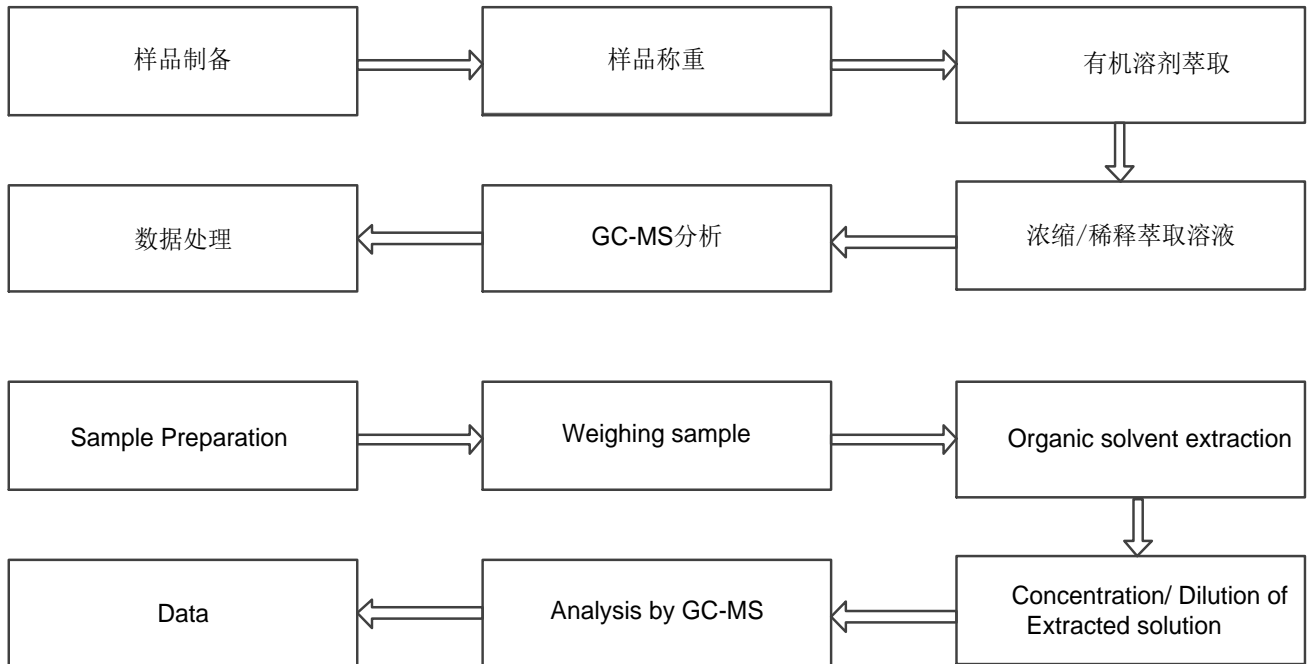
参数 Parameter	类别 1 Category1	类别 2 Category2		类别 3 Category3	
	意图放入口中的材料或玩具中材料列于 2009/48/EC 或 (含) 3 岁以下儿童使用之产品会与皮肤有长时间接触 (超过 30 秒) Materials intended to be put in the mouth, or materials of toy with intended to long-term skin contact(longer than 30 seconds)	未包含在类别 1 中和皮肤会长时间接触 (超过 30 秒), 或者和皮肤反复短时间接触*的材料 Materials that do not fall into Category 1 with intended or foreseeable long-term skin contact (more than 30 s) or repeated short-term skin contact*		未包含在类别 1 和 2 中, 和皮肤短期接触 (不超过 30 秒) 的材料 Materials that do neither fall into Category 1 nor 2 with intended or foreseeable short-term skin contact (up to 30 s)	
		儿童产品 Use by children	其他消费品 Other consumer products	儿童产品 Use by children	其他消费品 Other consumer products
苯并[a]芘 Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[e]芘 Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[a]蒽 Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[b]荧蒽 Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[j]荧蒽 Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[k]荧蒽 Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
蒽Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1



参数 Parameter	类别 1 Category1	类别 2 Category2		类别 3 Category3	
	意图放入口中的材料或玩具中材料列于 2009/48/EC 或 (含) 3 岁以下儿童使用之产品会与皮肤有长时间接触 (超过 30 秒) Materials intended to be put in the mouth, or materials of toy with intended to long-term skin contact(longer than 30 seconds)	未包含在类别 1 中和皮肤会长时间接触 (超过 30 秒), 或者和皮肤反复短时间接触*的材料 Materials that do not fall into Category 1 with intended or foreseeable long-term skin contact (more than 30 s) or repeated short-term skin contact*		未包含在类别 1 和 2 中, 和皮肤短期接触 (不超过 30 秒) 的材料 Materials that do neither fall into Category 1 nor 2 with intended or foreseeable short-term skin contact (up to 30 s)	
		儿童产品 Use by children	其他消费品 Other consumer products	儿童产品 Use by children	其他消费品 Other consumer products
二苯并[a,h]蒽 Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[g,h,i]芘 Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
茚并[1,2,3-cd]芘 Indeno[1,2,3-cd]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
菲 Phenanthrene, 芘 Pyrene, 蒽 Anthracene, 荧蒽 Fluoranthene	< 1 总量(Sum)	< 5 总量(Sum)	< 10 总量(Sum)	< 20 总量(Sum)	< 50 总量(Sum)
萘 Naphthalene	< 1	< 2		< 10	
15 种 PAH 总量 Sum of 15 PAHs	< 1	< 5	< 10	< 20	< 50

“*”: 与皮肤反复短时间接触的定义出自 “REACH 附件 17 第 50 条修订条款 (欧盟法规(EU) No 1272/2013)”。
repeated short-term skin contact” from REACH Annex XVII Nr. 50 amendment (COMMISSION REGULATION (EU) No 1272/2013).

检测流程图/ Test Flow Chart:



样品附图/ The photo of the sample



声明/ Statement:

- ◇ 检测报告无批准人签字和专用章无效。
This report is considered invalid without approved signature and special seal.
- ◇ 委托单位及地址，样品和样品信息由委托方提供，委托方应对其真实性负责，HCT 未核实其真实性。
The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified.
- ◇ 本报告检测结果（结论）仅对受测样品负责。
The result(s)(conclusion) shown in this report refer(s) only to the sample(s) tested.
- ◇ 未经 HCT 书面同意，不得部分复制本报告。
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Test results in report are intended for purposes such as scientific research, teaching, internal quality control, product research and development, etc...
- ◇ 本报告使用的判定规则：
Decision rules used in this report:
(1)按照检测要求列的法规/标准中规定的判定规则；
(2)如果检测要求列的法规中没有规定判定规则的话，则按照《CNAS-GL015 判定规则和符合性声明指南》6.2.1 简单接受(w=0)的二元判定规则：
合格(接受)--测得值位于容许区间以内。
不合格(拒绝)--测得值位于容许区间以外。
(1)According to the Decision rules in the regulations/standards listed in the Test Requested;
(2)If there is no Decision rules specified in the regulations listed in the Test Requested, then according to CNAS-GL015 Guidelines on Decision Rules and Statements of Conformity, 6.2.1, Simple Acceptance (w=0) of The binary Decision rule:
PASS (Accepted) - The measured value is within the tolerance interval.
FAIL (Rejected) - The measured value is outside the tolerance interval.
=====报告结束/ End of Report =====