



参考报告

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报告编号 A226004436510100109E
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报告抬头公司名称 东莞市泰戈新材料有限公司

Company Name DONGGUAN TAIGE NEW MATERIALS CO., LTD

shown on Report

地 址 广东省东莞市长安镇长安建安路 474 号 1010 室

Address ROOM 1010, 474 CHANG'AN JIAN'AN ROAD, CHANG'AN TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称 Sample Name UV 胶 UV glue

样品型号 Model No. 3000 系列、3010 系列、3020 系列、3021 系列、3030 系列、3040 系列、3050 系列、3060 系列、3091 系列、3100 系列、3110 系列、3120 系列、3130 系列、3140 系列、3150 系列、3160 系列、3170 系列、3180 系列、3200 系列、3201 系列、3202 系列、3203 系列、3204 系列、3205 系列、3206 系列、3207 系列、3208 系列、3209 系列、3210 系列、3211 系列、3220 系列、3230 系列、3240 系列、3250 系列、3260 系列、3270 系列、3280 系列、3290 系列、3300 系列、3310 系列、3320 系列、3330 系列、3340 系列、3350 系列、3360 系列、3370 系列、3380 系列、3390 系列、3400 系列、3410 系列、3420 系列、3500 系列、3510 系列、3520 系列、3530 系列、3540 系列、3550 系列、3560 系列、3570 系列、3580 系列、3590 系列、3600 系列、3610 系列、3620 系列、3630 系列、3640 系列、3650 系列、3660 系列、3670 系列、3680 系列、3690 系列、3700 系列、3710 系列、3720 系列、3730 系列、3740 系列、3750 系列、3760 系列、3770 系列、3771 系列、3780 系列、3781 系列、3790 系列、3791 系列、3800 系列、3810 系列、3812 系列、3822 系列

样品接收日期 2026.01.16

Sample Received Date Jan. 16, 2026

样品检测日期 2026.01.16-2026.01.21

Testing Period Jan. 16, 2026 to Jan. 21, 2026

测试内容 Test Conducted:

根据客户的申请要求，具体要求详见下一页。

As requested by the applicant. For details refer to next page(s).

批 准

郑晴涛

日 期

2026.01.22

Approved by

Date

郑晴涛

技术经理 Technical Manager

No. R393382092

华测检测认证集团股份有限公司

广东省深圳市宝安区新安街道兴东社区华测检测大楼

华测检测认证集团股份有限公司

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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测试摘要 Executive Summary:

测试要求 TEST REQUEST	测试结果 CONCLUSION
1) 欧盟 RoHS 指令 2011/65/EU 及其修订指令(EU) 2015/863 RoHS Directive 2011/65/EU with amendment (EU) 2015/863	
- 铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs), 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)	符合
Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP)	PASS
2) 根据客户要求, 对所提交样品中的多环芳烃(PAHs), 氟(F), 氯(Cl), 溴(Br), 碘(I) 进行测试。	见结果页
As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs), Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I) in the submitted sample(s).	See test result(s)
3) 美国加利福尼亚州第 65 号提案 California proposition 65 settlements	
- 铅	见结果页
Lead (Pb)	See test result(s)
- 镉	见结果页
Cadmium (Cd)	See test result(s)
- 邻苯二甲酸酯	见结果页
Phthalates	See test result(s)
4) EN 71-3:2019+A2:2024 欧洲玩具安全标准 European Standard on Safety of Toys	
- 特定元素的迁移	不符合
Migration of certain elements	FAIL
5) ASTM F963-23 美国消费者玩具安全规范 Standard Consumer Safety Specification for Toy Safety	
- 条款 4.3.5.1&2 特定元素的迁移	符合
Clause 4.3.5.1&2 The migration of certain elements	PASS
6) 欧盟法规(EC) No.1907/2006 (REACH)附录 17 及其修订案 Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)	
- 有机锡化合物	符合
Organic Tin compounds	PASS

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7)	美国环保署有毒物质控制法(TSCA)第 6(h)部分关于持久性、生物累积性和毒性(PBT)化学物质的管控	
	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	
-	十溴二苯醚	符合
	Decabromodiphenyl Ether (DecaBDE)	PASS
-	异丙基化磷酸三苯酯	符合
	Phenol, Isopropylated Phosphate (PIP (3:1))	PASS
-	2,4,6-三叔丁基苯酚	符合
	2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	PASS
-	六氯丁二烯	符合
	Hexachlorobutadiene (HCBD)	PASS
-	五氯苯硫酚	符合
	Pentachlorothiophenol (PCTP)	PASS

*****详细结果，请见下页*****
***** For further details, please refer to the following page(s) *****

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检测依据 Test Method

测试项目 Tested Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 和/或 IEC 62321-5:2013 测试总 铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
多溴联苯 Polybrominated Biphenyls (PBBs)	IEC 62321-12:2023	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-12:2023	GC-MS
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-12:2023	GC-MS
多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2019:01 PAK	GC-MS
氟 Fluorine (F)	EN 14582:2016	IC
氯 Chlorine (Cl)	EN 14582:2016	IC
溴 Bromine (Br)	EN 14582:2016	IC
碘 Iodine (I)	EN 14582:2016	IC

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检测结果 1 Test Result(s) 1

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
铅 Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
镉 Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
多溴联苯 Polybrominated Biphenyls (PBBs)			
一溴联苯 Monobromobiphenyl	N.D.	25 mg/kg	1000 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	25 mg/kg	
三溴联苯 Tribromobiphenyl	N.D.	25 mg/kg	
四溴联苯 Tetrabromobiphenyl	N.D.	25 mg/kg	
五溴联苯 Pentabromobiphenyl	N.D.	25 mg/kg	
六溴联苯 Hexabromobiphenyl	N.D.	25 mg/kg	
七溴联苯 Heptabromobiphenyl	N.D.	25 mg/kg	
八溴联苯 Octabromobiphenyl	N.D.	25 mg/kg	
九溴联苯 Nonabromobiphenyl	N.D.	25 mg/kg	
十溴联苯 Decabromobiphenyl	N.D.	25 mg/kg	

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)			
一溴二苯醚 Monobromodiphenyl ether	N.D.	25 mg/kg	1000 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	25 mg/kg	
三溴二苯醚 Tribromodiphenyl ether	N.D.	25 mg/kg	
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	25 mg/kg	
五溴二苯醚 Pentabromodiphenyl ether	N.D.	25 mg/kg	
六溴二苯醚 Hexabromodiphenyl ether	N.D.	25 mg/kg	
七溴二苯醚 Heptabromodiphenyl ether	N.D.	25 mg/kg	
八溴二苯醚 Octabromodiphenyl ether	N.D.	25 mg/kg	
九溴二苯醚 Nonabromodiphenyl ether	N.D.	25 mg/kg	
十溴二苯醚 Decabromodiphenyl ether	N.D.	25 mg/kg	

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测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)			
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

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检测结果 2 Test Result(s) 2

测试项目 Tested Item(s)	结果 Result 001	方法检出限 MDL
多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)		
萘 Naphthalene	N.D.	0.2 mg/kg
菲 Phenanthrene	N.D.	0.2 mg/kg
蒽 Anthracene	N.D.	0.2 mg/kg
荧蒽 Fluoranthene	N.D.	0.2 mg/kg
芘 Pyrene	N.D.	0.2 mg/kg
蒾 Chrysene	N.D.	0.2 mg/kg
苯并(a)蒽 Benzo(a)anthracene	N.D.	0.2 mg/kg
苯并(b)荧蒽 Benzo(b)fluoranthene	N.D.	0.2 mg/kg
苯并(k)荧蒽 Benzo(k)fluoranthene	N.D.	0.2 mg/kg
苯并(j)荧蒽 Benzo(j)fluoranthene	N.D.	0.2 mg/kg
苯并(a)芘 Benzo(a)pyrene	N.D.	0.2 mg/kg
苯并(e)芘 Benzo(e)pyrene	N.D.	0.2 mg/kg
二苯并(a,h)蒽 Dibenzo(a,h)anthracene	N.D.	0.2 mg/kg
苯并(g,h,i)花 Benzo(g,h,i)perylene	N.D.	0.2 mg/kg
茚并(1,2,3-cd)芘 Indeno(1,2,3-cd)pyrene	N.D.	0.2 mg/kg
菲,蒽,荧蒽,芘总量 Sum (Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	/
15 PAHs 总量 Sum 15 PAHs	N.D.	/

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可接触的表面材料中 PAHs 含量限值(mg/kg)(按风险评估的结果分类)

Maximum PAHs limits (mg/kg) for the materials with relevant contact/grip and operating surfaces that are to be 8ategorized based on the results of the risk assessment

参数 Parameters	一类 Category 1	二类 Category 2		三类 Category 3	
	可放入口中的材料，或预期和皮肤接触时间超过 30 秒（长时间接触）2009/48/EC 定义的玩具材料或供 3 岁以下儿童使用的产品 Materials intended to be placed in the mouth, or materials in toys according to Directive 2009/48/EC or materials for the use by children up to 3 years of age coming into long-term contact with skin (more than 30s) during the intended use	未包含在第一类材料中，预期和皮肤接触时间超过 30 秒（长时接触），或者和皮肤短时间频繁接触**的材料 Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact** with skin during the intended or foreseeable use		未包含在第一类和第二类材料中，预期和皮肤接触时间不超过 30 秒（短时接触）的材料 Materials not covered by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use	
		供儿童（< 14 岁）使用的产品（包括主动和被动直接接触） Use by children (< 14 years) (include both active and passive direct contact)	其他类产品 Other consumer products	供儿童（< 14 岁）使用的产品（包括主动和被动直接接触） Use by children (< 14 years) (include both active and passive direct contact)	其他类产品 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
二苯并(a,h)蒽 Dibenz(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 Indenol(1,2,3-cd)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
菲,蒽,荧蒽,芘	总量 < 1	总量 < 5	总量 < 10	总量 < 20	总量 < 50

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Phenanthrene, Anthracene, Fluoranthene, Pyrene	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
萘 Naphthalene	< 1	< 2	< 10	< 20	< 50
15 PAHs 总量 Sum 15 PAHs	< 1	< 5	< 10	< 20	< 50

** “短时间频繁接触” 来自REACH法规附录XVII第50项的修订案(法规 (EU) No. 1272/2013)
Definition “short-term repetitive contact” taken from REACH Annex XVII entry 50 amendment
(REGULATION (EU) No.1272/2013)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
氟 Fluorine (F)	N.D.	10 mg/kg
氯 Chlorine (Cl)	N.D.	10 mg/kg
溴 Bromine (Br)	N.D.	10 mg/kg
碘 Iodine (I)	N.D.	10 mg/kg

备注: 对于检测铅, 镉, 汞之样品已消解完全。

-N.D. = 未检出 (小于方法检出限)

-mg/kg = ppm = 百万分之一

-1000 mg/kg = 0.1%

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

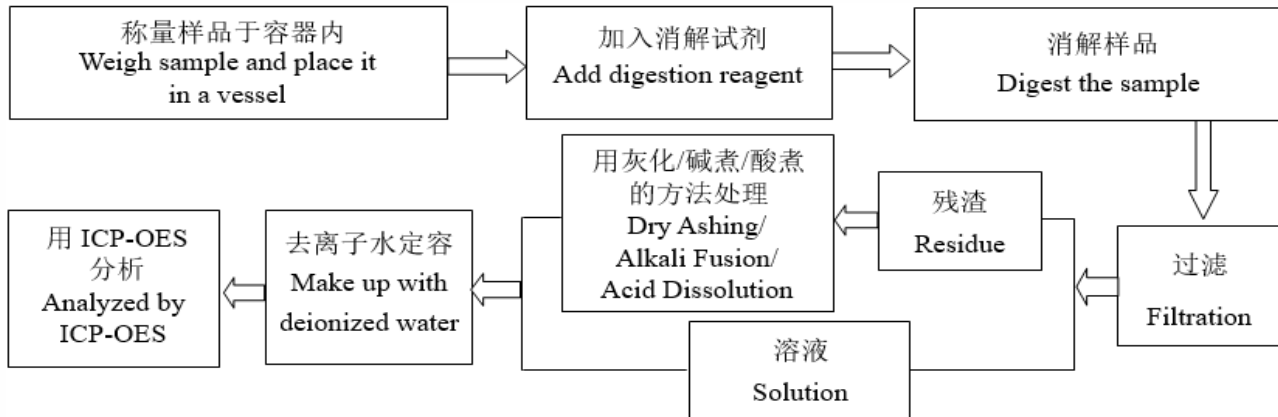
-1000 mg/kg = 0.1%

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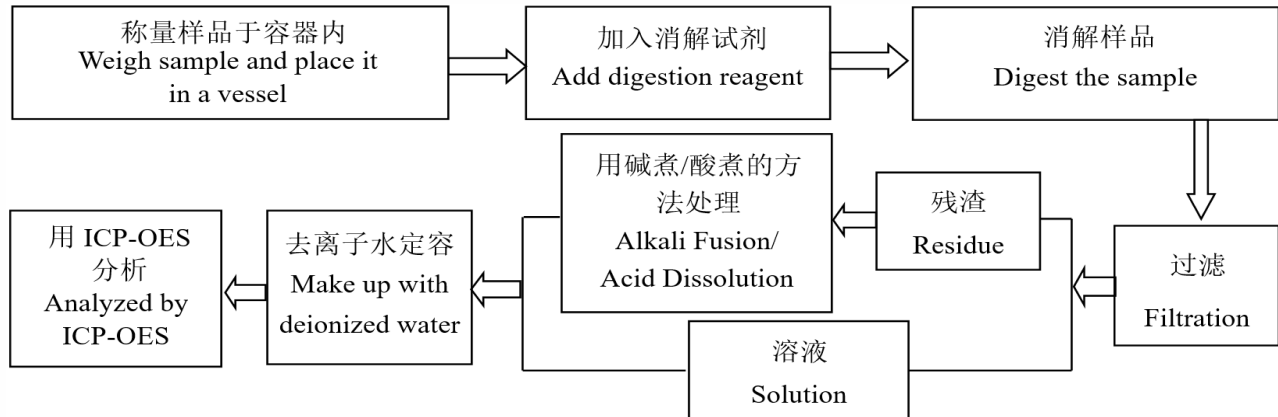
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检测流程 Test Process

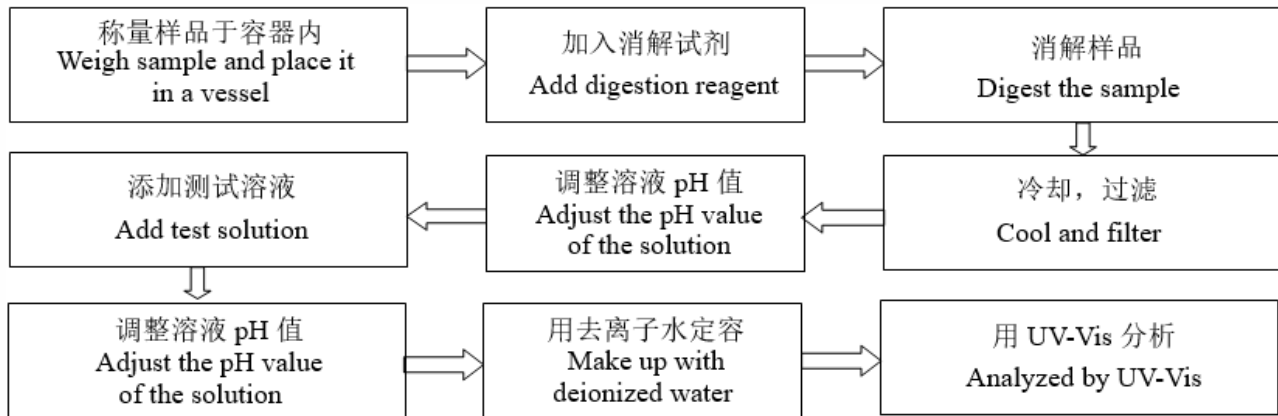
N. 铅 Lead (Pb), 镉 Cadmium (Cd), 铬 Chromium(Cr)



2. 汞 Mercury (Hg)



3. 六价铬 Hexavalent Chromium (Cr(VI))

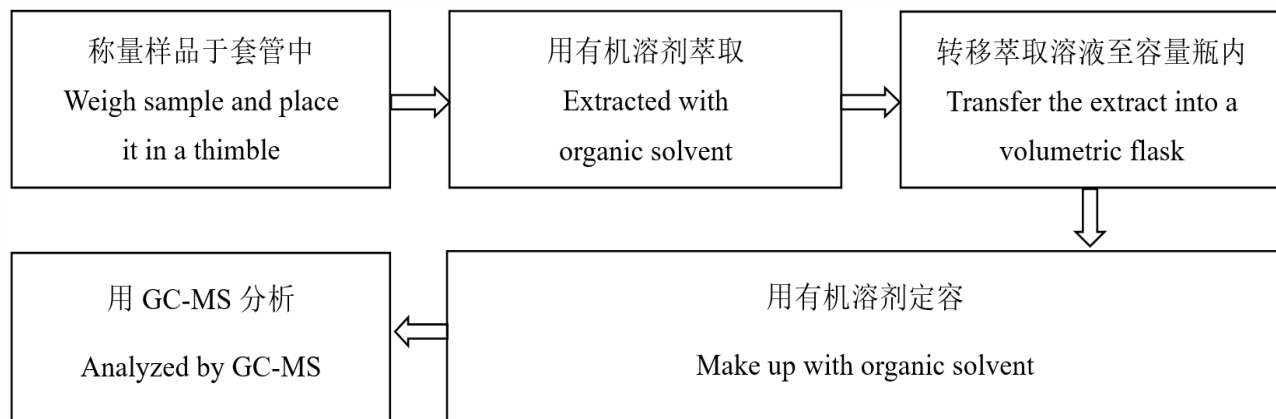


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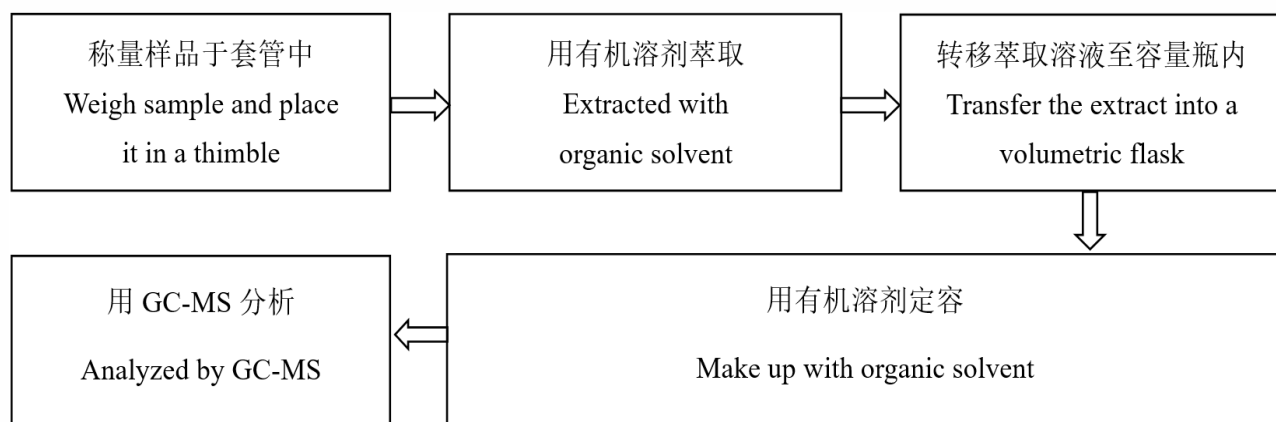
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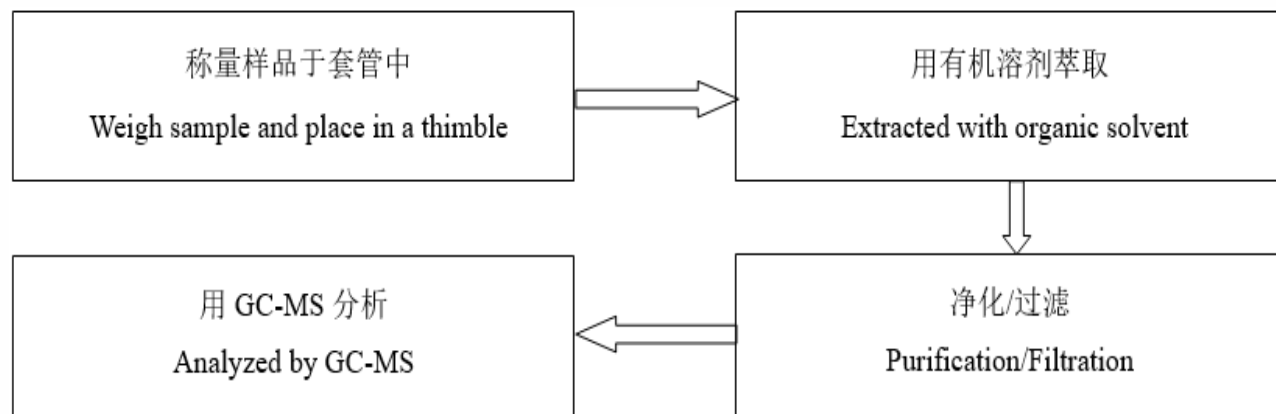
4. 多溴联苯 Polybrominated Biphenyls (PBBs), 多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)



5. 邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)



6. 多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)

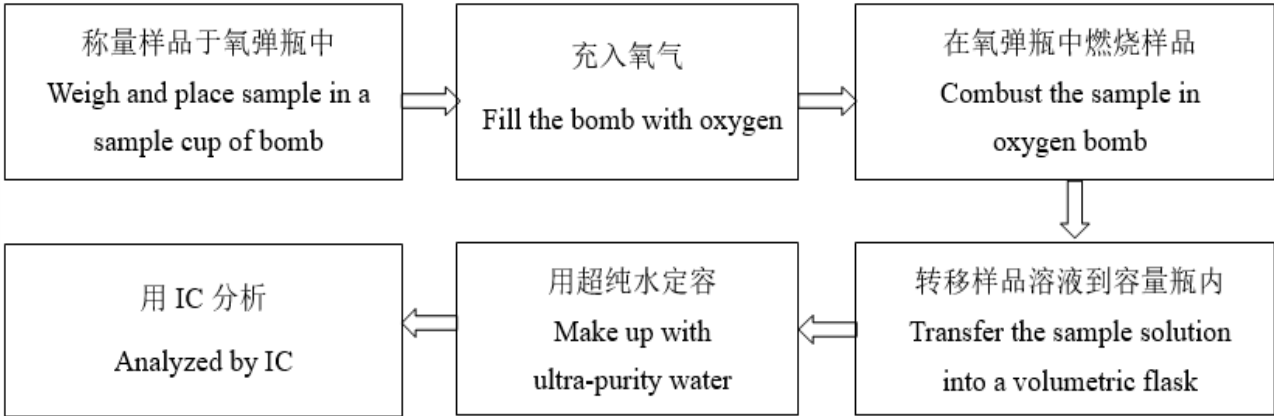


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7. 氟 Fluorine (F), 氯 Chlorine (Cl), 溴 Bromine (Br), 碘 Iodine (I)



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检测结果 3 Test Result(s) 3
美国加利福尼亚州第 65 号提案 California proposition 65 settlements

▼ 铅 Lead (Pb)
测试方法: CPSC-CH-E1003-09.1; 测试仪器: ICP-OES
Test Method: CPSC-CH-E1003-09.1; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限
	001	MDL (mg/kg)
铅 Lead (Pb)	N.D.	5

备注 Remark:
- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

▼ 镉 Cadmium (Cd)
测试方法: CPSC-CH-E1003-09.1; 测试仪器: ICP-OES
Test Method: CPSC-CH-E1003-09.1; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限
	001	MDL (mg/kg)
镉 Cadmium (Cd)	N.D.	5

备注 Remark:
- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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▼邻苯二甲酸酯 Phthalates

测试方法: CPSC-CH-C1001-09.4; 测试仪器: GC-MS

Test Method: CPSC-CH-C1001-09.4; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限
	001	MDL (mg/kg)
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP)	N.D.	30
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	N.D.	30
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP)	N.D.	30
邻苯二甲酸二异壬酯 Di-isononyl phthalate (DINP)	N.D.	50
邻苯二甲酸二正辛酯 Di-n-octyl phthalate (DNOP)	N.D.	30
邻苯二甲酸二异癸酯 Di-iso-decyl phthalate (DIDP)	N.D.	50
邻苯二甲酸二己酯 Di-n-hexyl phthalate (DNHP)	N.D.	30

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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检测结果 4 Test Result(s) 4

EN 71-3:2019+A2:2024 欧洲玩具安全标准 European Standard on Safety of Toys

▼ 特定元素的迁移 Migration of certain elements

使用方法 EN 71-3:2019+A2:2024，通过 ICP-OES, ICP-MS, IC-UV 和/或 GC-MS 分析。
Method(s) EN 71-3:2019+A2:2024 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

类别 II：玩具中液体和粘性的材料
Category II：liquid or sticky toy material

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
铝 Aluminium (Al)	N.D.	50	560
锑 Antimony (Sb)	N.D.	2	11.3
砷 Arsenic (As)	N.D.	0.1	0.9
钡 Barium (Ba)	N.D.	50	375
硼 Boron (B)	N.D.	50	300
镉 Cadmium (Cd)	N.D.	0.2	0.3
三价铬 Chromium (III) ^{#1}	N.D.	0.004	9.4
六价铬 Chromium (VI)	N.D.	0.002	0.005
钴 Cobalt (Co)	N.D.	0.2	2.6
铜 Copper (Cu)	N.D.	50	156
铅 Lead (Pb)	N.D.	0.2	0.5
锰 Manganese (Mn)	N.D.	50	300
汞 Mercury (Hg)	N.D.	0.6	1.9
镍 Nickel (Ni)	N.D.	5	18.8
硒 Selenium (Se)	N.D.	5	9.4
锶 Strontium (Sr)	N.D.	50	1125
锡 Tin (Sn)	40.13	0.05	3750
有机锡 Organic tin (TBT) ^{#3}	89.41 ^{*1}	0.05	0.2
锌 Zinc (Zn)	N.D.	50	938

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备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- ^{#1} 根据 EN 71-3:2019+A2:2024 条款 10.1.2, 三价铬含量=铬含量-六价铬含量。
^{#1} Trivalent chromium (Cr (III)) = Chromium (Cr) – Hexavalent chromium (Cr (VI)), as specified in the European standard on safety of toys EN 71-3:2019+A2:2024, clause 10.1.2.
- ^{#3} 根据 EN 71-3:2019+A2:2024 附录 G, 有机锡的迁移含量以三丁基锡含量表示, 通过 GC-MS 分析下表中的十一种有机锡。
^{#3} The migration of organic tin is expressed as tributyltin (TBT), as specified in the European standard on safety of toys EN 71-3:2019+A2:2024, appendix G, eleven organic tins listed in the table were determined by GC-MS.

EN 71-3:2019+A2:2024 中测试的有机锡
Organic tins tested under EN 71-3:2019+A2:2024
甲基锡 Methyl tin (MeT)
丁基锡 Butyl tin (BuT)
二丁基锡 Dibutyl tin (DBT)
三丁基锡 Tributyl tin (TBT)
四丁基锡 Tetra-butyl tin (TeBT)
辛基锡 n-Octyl tin (MOT)
二辛基锡 Di-n-octyl tin (DOT)
二丙基锡 Di-n-propyl tin (DproT)
二苯基锡 Diphenyl tin (DPhT)
三苯基锡 Triphenyl tin (TPhT)
二甲基锡 Dimethyl tin (DMT)

- ^{*1} = 不符合项
^{*1} = Fail item

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检测结果 5 Test Result(s) 5

ASTM F963-23 美国消费者玩具安全规范 Standard Consumer Safety Specification for Toy Safety

▼ 条款 4.3.5.1&2 特定元素的迁移 Clause 4.3.5.1&2 The migration of certain elements

测试方法：ASTM F963-23；测试仪器：ICP-OES
Test Method: ASTM F963-23; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限	限值 Limit
	001	MDL (mg/kg)	(mg/kg)
可迁移元素锑 Soluble Antimony (Sb)	N.D.	5	60
可迁移元素砷 Soluble Arsenic (As)	N.D.	2.5	25
可迁移元素钡 Soluble Barium (Ba)	N.D.	5	1000
可迁移元素镉 Soluble Cadmium (Cd)	N.D.	5	75
可迁移元素铬 Soluble Chromium (Cr)	N.D.	2.5	60
可迁移元素铅 Soluble Lead (Pb)	N.D.	5	90
可迁移元素汞 Soluble Mercury (Hg)	N.D.	2.5	60
可迁移元素硒 Soluble Selenium (Se)	N.D.	5	500

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
 - N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
 - mg/kg = ppm = 百万分之一 parts per million
 - 显示测试结果的校正值。
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.

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检测结果 6 Test Result(s) 6
欧盟法规(EC) No.1907/2006 (REACH)附录 17 及其修订案 Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)

▼ 有机锡化合物 Organic Tin compounds

欧盟法规(EC) No.1907/2006 (REACH) 附录 17 及修订案 No.552/2009 & No.276/2010 的条目 20
Entry 20, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendments No.552/2009 & No.276/2010

测试方法：参考 ISO 17353:2004；测试仪器：GC-MS
Test Method: Refer to ISO 17353:2004; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result ^{#4} (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit ^{#4} (mg/kg)
	001		
三甲基锡 Trimethyltin (TMT)	N.D.	1	--
三丁基锡 Tributyl Tins (TBT)	N.D.	2	--
三丙基锡 Tripropyltin (TPrT)	N.D.	3	--
三环己基锡 Tricyclohexyltin (TcyT)	N.D.	3	--
三辛基锡 Trioctyltin (TOT)	N.D.	1	--
三苯基锡 Triphenyl Tins (TPhT)	N.D.	2	--
三取代锡化合物 Tri-substituted Organostannic Compounds	N.D.	--	1000
二丁基锡 Dibutyl Tins (DBT)	82	3	1000
二辛基锡 Dioctyl Tins (DOT)	N.D.	2	1000

- 备注 Remark:
- MDL = 方法检出限 Method Detection Limit
 - N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
 - mg/kg = ppm = 百万分之一 parts per million
 - 1000 mg/kg = 0.1%
 - ^{#4}: 结果和限值以锡的重量计。The test result(s) & limit are calculated by weight of tin.

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检测结果 7 Test Result(s) 7
美国环保署有毒物质控制法(TSCA)第 6(h)部分关于持久性、生物累积性和毒性(PBT)化学物质的管控
Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act
(TSCA) Section 6(h)

▼十溴二苯醚 Decabromodiphenyl Ether (DecaBDE)
测试方法：参考 US EPA 3550C:2007 & US EPA 8270E:2018；测试仪器：GC-MS
Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
十溴二苯醚 Decabromodiphenyl Ether (DecaBDE)	N.D.	5	1000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- 此限值适用于在产品 and 物品中非有意添加十溴二苯醚(DecaBDE)的情况，建议结合供应链确认物质的添加情况。

The limit applies to the situation where Decabromodiphenyl Ether (DecaBDE) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

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▼ 异丙基化磷酸三苯酯 Phenol, Isopropylated Phosphate (PIP (3:1))

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
异丙基化磷酸三苯酯 Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	5	1000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- 此限值适用于在产品 and 物品中非有意添加异丙基化磷酸三苯酯(PIP (3:1))的情况, 建议结合供应链确认物质的添加情况。

The limit applies to the situation where Phenol, Isopropylated Phosphate (PIP (3:1)) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

▼ 2,4,6-三叔丁基苯酚 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
2,4,6-三叔丁基苯酚 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	5	3000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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▼ 六氯丁二烯 Hexachlorobutadiene (HCBd)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
六氯丁二烯 Hexachlorobutadiene (HCBd)	N.D.	5	N.D.

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

▼ 五氯苯硫酚 Pentachlorothiophenol (PCTP)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001		
五氯苯硫酚 Pentachlorothiophenol (PCTP)	N.D.	5	10000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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样品/部位描述 Sample/Part Description

序号	CTI 样品 ID	描述
No.	CTI Sample ID	Description
1	001	透明液体 Transparent liquid

注释 Note:

- 根据客户声明，本报告“样品信息”中的多信息原因可能包含(但不限于):供给不同客户、销往不同的国家或地区、曾用名或多种物质的混合物等情况。According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.
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- 本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。
The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

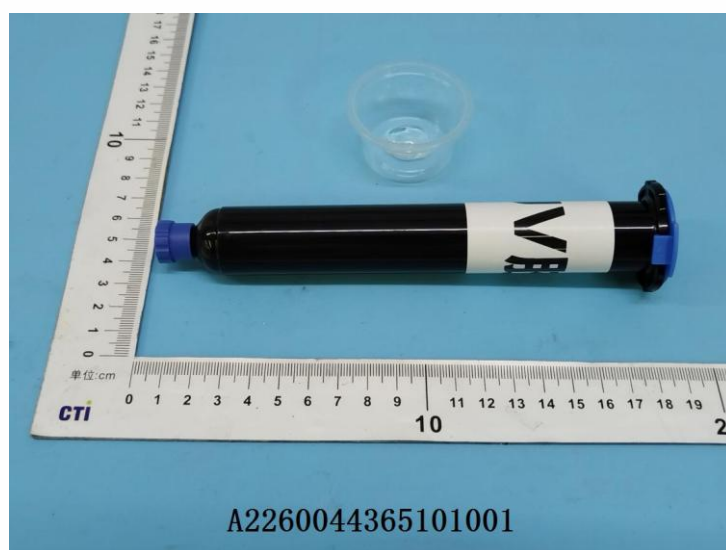
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样品图片

Photo(s) of the sample(s)



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