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检测
TESTING
CNAS L10366

检测报告

报告编号 AL24121432901

签发日期:2024.12.24

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委托单位 浙江格沫科技有限公司
地址 浙江省宁波市高新区江南路 673 号东楼 6-26-397 室



下述样品及样品信息由委托方提供并经其确认

样品名称 GOOM 格沫艺术家系列水杯
型号 GM-24SS-S11
检测类别 委托检验
来样方式 送样

检测概要

样品接收日期 2024.12.16
样品检测日期 2024.12.16 - 2024.12.24
检测要求 根据客户要求, 具体内容详见下一页。
更多检测信息, 请查看报告内页。

编制 吕洛洛

审核 邓志

批准 姜鹤



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检测要求	根据客户要求, 按照下列标准要求测试接收样品:	结论
1.	QB/T 4049-2021 塑料饮水水杯	所检项目符合
2.	GB 4806.7-2023 食品安全国家标准 食品接触用塑料材料及制品	
	--感官要求	符合
	--总迁移量	符合
	--高锰酸钾消耗量	符合
	--重金属(以 Pb 计)	符合
	--脱色试验	符合
	--芳香族伯胺迁移总量	符合
3.	GB 4806.11-2016 食品安全国家标准 食品接触用橡胶材料及制品	
	--感官要求	符合
	--总迁移量	符合
	--高锰酸钾消耗量	符合
	--重金属(以 Pb 计)	符合

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样品图片



图片仅限于乐朗报告中使用的

检测样品/部位描述

GOOM 格沫艺术家系列水杯 (整体)

- 1 透明塑料杯体
- 2 米色塑料杯盖
- 3 透明硅橡胶吸管

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检测结果汇总:

1. QB/T 4049-2021 塑料饮水水杯

根据客户要求, 提交的样品按照 QB/T 4049-2021 标准测试, 检测结果汇总如下:

条款	检测项目及标准要求	结果	单项判定
		整体	
5	要求		
5.1	外观		
5.1.1	表面应光滑、无划伤、飞边、气泡、色斑、污渍, 无明显吸水纹、杂质。	符合要求	符合
5.1.2	可触及部位应光滑圆整, 无毛刺及锐边。	符合要求	符合
5.1.3	印刷字体、图案应清晰完整, 无明显的褪色、错位等缺陷。	符合要求	符合
5.2	异味 口杯不应有异味。	无明显异味	符合
5.3	容量偏差 口杯的容量偏差不应超过 $\pm 5\%$, 有刻度标识的口杯, 其刻度偏差不应超过 $\pm 5\%$ 。	明示容量: 820mL 偏差: -0.4% ~ -0.6%	符合
5.4	物理性能		
5.4.1	密封性能 按 6.4.1 试验后, 密封口杯不应泄漏。不密封和无盖口杯不考核密封性。	无泄漏	符合
5.4.2	耐冲击性 按 6.4.2 试验后, A 类、B 类口杯不应出现破裂。	无破裂	符合
5.4.3	耐低温性能 按 6.4.3 试验后, 口杯不应破裂和变形。	无破裂、无变形	符合
5.4.4	耐热性 按 6.4.4 试验后, 热水口杯不应破裂和变形。	无破裂、无变形	符合
5.4.5	密封橡胶件耐热性 按 6.4.5 试验后, 密封橡胶件不应发黏、有异味, 外观应无明显变化, 密封性应符合 5.4.1 的要求。	不发黏、无明显异味, 无明显变化, 保持密封性	符合
5.4.6	耐水色牢度 纺织品类配件材质耐水色牢度应符合 GB 18401-2010 中 B 类要求: 变色、沾色 ≥ 3 级。	4-5 级	符合

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条款	检测项目及标准要求	结果	单项判定
		整体	
5.4.7	吸管(嘴)咬扯耐久性		
5.4.7.1	按 6.4.7.1 测试时, 不应被刺破。	不适用	--
5.4.7.2	按 6.4.7.1 测试时, 如被刺破, 则按 6.4.7.2 测试, 不应产生断裂。	不适用	--
5.5	使用性能		
5.5.1	盖与杯的配合 有盖口杯的盖与杯应开合自如、顺畅, 不应有卡滞、滑牙现象, 盖与杯应配合紧密。	开合自如、顺畅, 不卡滞、滑牙, 配合紧密	符合
5.5.2	密封件 不应有裂纹或缺。装配后与杯盖贴合完整, 不应松弛、起皱。	无裂纹或缺, 装配后与杯盖贴合完整, 不松弛、起皱	符合
5.5.3	手柄或提带(环)强度 应牢固可靠, 按 6.5.3 试验后应无异常。	提带牢固可靠, 无异常	符合
5.6	表面印刷物附着性 按 6.6 试验后, 表面印刷文字和图案不应脱落。	无脱落	符合
8	标志、包装、运输和贮存		
8.1*	标志 产品应按 GB/T 16288 的规定标志, 还应至少包括以下内容: a. 产品名称; b. 生产厂名称、厂址、联系方式; c. 生产日期; d. 与食品接触部分的材质名称; e. 容量; f. 产品分类; g. 本文件编号; h. 产品质量检验合格标识。	符合要求	符合

备注: “*”本报告仅对产品单个销售包装的标志完整性及规范性进行评估, 不包括核实其真实性。客户需要注意, 应满足标准上对产品的外包装的标志、包装、运输以及贮存的要求。

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2. GB 4806.7-2023 食品安全国家标准 食品接触用塑料材料及制品

检测项目	检测标准	要求	结果	单项判定
			1	
感官要求				
感官	GB 4806.7-2023	色泽正常, 无异臭、不洁物等	符合要求	符合
浸泡液		迁移试验所得浸泡液无浑浊、沉淀、异臭等感官性能的劣变	符合要求	符合
理化指标				
总迁移量(mg/dm ²) ^a				
50%乙醇(体积分数), 70°C, 2h	GB 31604.8-2021	≤10	<3.0	符合
高锰酸钾消耗量(mg/kg)				
蒸馏水, 60°C, 2h	GB 31604.2-2016	≤10	<1.0	符合
重金属(以 Pb 计)(mg/kg)				
4%乙酸(体积分数), 60°C, 2h	GB 31604.9-2016	≤1	<1	符合
脱色试验				
浸泡液着色	GB 31604.7-2023	阴性	阴性	符合
擦拭脱色		阴性	阴性	符合
芳香族伯胺迁移总量(mg/kg) ^Δ				
50%乙醇(体积分数), 70°C, 2h	GB 31604.52-2021	不得检出 (检出限=0.01mg/kg)	未检出 (检出限: 0.01)	符合
"a"接触婴幼儿食品的塑料材料及制品, 应根据实际使用中的面积体积比将结果换算为 mg/kg, 且限量为 ≤60mg/kg。				

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检测项目	检测标准	要求	结果	单项判定
			2	
感官要求				
感官	GB 4806.7-2023	色泽正常, 无异臭、不洁物等	符合要求	符合
浸泡液		迁移试验所得浸泡液无浑浊、沉淀、异臭等感官性能的劣变	符合要求	符合
理化指标				
总迁移量(mg/dm ²) ^a				
50%乙醇(体积分数), 70°C, 2h	GB 31604.8-2021	≤10	<3.0	符合
高锰酸钾消耗量(mg/kg)				
蒸馏水, 60°C, 2h	GB 31604.2-2016	≤10	<1.0	符合
重金属(以 Pb 计)(mg/kg)				
4%乙酸(体积分数), 60°C, 2h	GB 31604.9-2016	≤1	<1	符合
脱色试验				
浸泡液着色	GB 31604.7-2023	阴性	阴性	符合
擦拭脱色		阴性	阴性	符合
芳香族伯胺迁移总量(mg/kg) ^Δ				
50%乙醇(体积分数), 70°C, 2h	GB 31604.52-2021	不得检出 (检出限=0.01mg/kg)	未检出 (检出限: 0.01)	符合
“a”接触婴幼儿食品的塑料材料及制品, 应根据实际使用中的面积体积比将结果换算为 mg/kg, 且限量为 ≤60mg/kg。				

备注:

- 样品 1 的实验室浸泡方式为灌装法, S/V: 4.95dm²/0.820L。
- 样品 2 的实验室浸泡方式为全浸没法, S/V: 2.34dm²/0.820L。
- 迁移试验的结果为第三次浸泡的检测结果。
- ^Δ 表示该迁移试验的结果为第一次浸泡的检测结果。
- 测试条件和模拟液由客户指定。
- 未检出, 即检测结果低于检出限。
- 29 种芳香族伯胺清单, 详见下表明细:

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序号	名称	CAS 号
1	对苯二胺	106-50-3
2	间苯二胺	108-45-2
3	2,4 二氨基甲苯	95-80-7
4	4,4'-二氨基二苯醚	101-80-4
5	联苯胺	92-87-5
6	4,4'-二氨基二苯甲烷	101-77-9
7	苯胺	62-53-3
8	邻甲氧基苯胺	90-04-0
9	邻甲苯胺	95-53-4
10	3,3'-二甲基-4,4'-二氨基二苯甲烷	838-88-0
11	3,3'-二甲氧基联苯胺	119-90-4
12	3,3'-二甲基联苯胺	119-93-7
13	2,6-二甲基苯胺	87-62-7
14	2,4'-二氨基二苯甲烷	1208-52-2
15	2,4 二氨基苯甲醚	615-05-4
16	3-氨基对甲苯甲醚	120-71-8
17	2,4,5-三甲基苯胺	137-17-7
18	4,4'-二氨基二苯硫醚	139-65-1
19	对氯苯胺	106-47-8
20	2,4-二甲基苯胺	95-68-1
21	2-萘胺	91-59-8
22	2,2'-二氨基二苯甲烷	6582-52-1
23	4-氨基联苯	92-67-1
24	4-氯邻甲苯胺	95-69-2
25	2-氨基-4-硝基甲苯	99-55-8
26	3,3'-二氨基联苯胺	91-94-1
27	对氨基偶氮苯	60-09-3
28	4,4'-次甲基-双-(2-氯苯胺)	101-14-4
29	邻氨基偶氮甲苯	97-56-3

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3. GB 4806.11-2016 食品安全国家标准 食品接触用橡胶材料及制品

检测项目	检测标准	要求	结果	单项判定
			3	
感官要求				
感官	GB 4806.11-2016	色泽正常, 无异臭、污物	符合要求	符合
浸泡液		迁移试验所得浸泡液不应有着色、浑浊、沉淀、异臭等感官性的劣变	符合要求	符合
理化指标				
总迁移量(mg/dm²)^a				
50%乙醇(体积分数), 70°C, 2h	GB 31604.8-2021	≤10	<3.0	符合
高锰酸钾消耗量(mg/kg)				
水, 60°C, 0.5h	GB 31604.2-2016	≤10	<1.0	符合
重金属(以 Pb 计)(mg/kg)				
4%乙酸(体积分数), 60°C, 0.5h	GB 31604.9-2016	≤1	<1	符合
“a”接触婴幼儿食品的橡胶材料及制品, 应根据实际使用中的面积体积比将结果换算为 mg/kg, 且限量为 ≤60mg/kg。				

备注:

- (1) 样品 3 的实验室浸泡方式为全浸没法, S/V: 1.03dm² /0.820L。
- (2) 迁移试验的结果为第三次浸泡的检测结果。
- (3) 测试条件和模拟液由客户指定。

***** 报告结束 *****

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