

检测报告

编号: TAOHL25004285702

日期: 2025 年 05 月 23 日

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客户名称: 烟台美涛包装科技有限公司
客户地址: 烟台市莱山区长安路 1 号中央广场 531 室

样品名称: 铝箔容器
货号: MTP001L
生产厂商: 烟台美涛包装科技有限公司
以上样品及信息由客户提供。

SGS 号: QDHL2505006562CW
收样日期: 2025 年 05 月 13 日
检测周期: 2025 年 05 月 13 日 ~ 2025 年 05 月 23 日
检测要求: 根据客户要求检测。
执行的检测: 按照客户要求下列选定的检测。

通标标准技术服务(青岛)有限公司
授权签名

Justin Zhang 张波
批准签署人

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	检测要求	说明
1	GB 4806.9-2023 - 感官(外观：表面应适度清洁,镀层不应开裂、剥落，焊接部分应光洁，无气孔、裂缝、毛刺)	符合
2	GB 4806.9-2023 - 感官(浸泡液：迁移试验所得浸泡液不应有异臭)	符合
3	GB 4806.9-2023 - 重金属*	符合
4	GB 4806.9-2023 - 杂质元素迁移量	符合
5	GB 4806.9-2023 - 合金元素迁移量	符合



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检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述	材质 (客户提供)
SN1	A1	TAO25-0042857-0001.C001	银色金属盖	铝箔

备注:

- (1) mg/dm^2 = 毫克每平方分米
 mg/inch^2 = 毫克每平方英寸
 $\mu\text{g}/\text{cm}^2$ = 微克每平方厘米
 mg/L = 毫克每升
 mg/kg = 毫克每千克
- (2) $^{\circ}\text{C}$ = 摄氏度
 $^{\circ}\text{F}$ = 华氏度
- (3) $<$ = 小于
- (4) RL = 报告检出限
- (5) ND = 未检出 ($<$ RL)。

面积体积比

样品编号	特定迁移
A1	14.7 dm^2/kg

GB 4806.9-2023 - 重金属*

检测方法: 酸消解, 采用 ICP-OES 进行分析。

检测项目	限值	单位	RL	A1
砷(As)	0.01	%	0.01	ND
镉(Cd)	-	%	0.01	ND
铅(Pb)	-	%	0.01	ND
汞(Hg)	-	%	0.01	ND
镉(Cd)+铅(Pb)+汞(Hg)	0.01	%	-	ND
说明				符合

GB 4806.9-2023 - 杂质元素迁移量

检测方法: GB 31604.49-2023 第二篇第一法。

模拟液	检测条件
	A1
人造自来水	70°C, 2hrs 然后 40°C, 24 hrs



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检测项目	限值	单位	RL	A1
人造自来水				
迁移次数				第一次
砷(As)迁移量	0.002	mg/kg	0.0006	ND
镉(Cd)迁移量	0.002	mg/kg	0.001	ND
铅(Pb)迁移量	0.01	mg/kg	0.005	ND
锑(Sb)迁移量	0.04	mg/kg	0.01	ND
说明				符合

GB 4806.9-2023 - 合金元素迁移量

检测方法: GB 31604.49-2023 第二篇第一法。

模拟液	检测条件
	A1
人造自来水	70°C, 2hrs 然后 40°C, 24 hrs

检测项目	限值	单位	RL	A1
人造自来水				
迁移次数				第一次
铝(Al)迁移量 *	5	mg/kg	0.1	1.4
铬(Cr)迁移量	0.25	mg/kg	0.05	ND
钴(Co)迁移量*	0.02	mg/kg	0.005	ND
铜(Cu)迁移量*	4	mg/kg	0.4	ND
锰(Mn)迁移量*	2.0	mg/kg	0.2	ND
钼(Mo)迁移量*	0.12	mg/kg	0.01	ND
镍(Ni)迁移量	0.14	mg/kg	0.01	ND
锡(Sn)迁移量*	100	mg/kg	10	ND
锌(Zn)迁移量	5	mg/kg	0.5	ND
说明				符合

备注: 报告中标注"*"的项目不在我方实验室 CNAS 认可范围内。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ($w=0$) 的二元判定规则进行符合性判定。

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检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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