

海南金海浆纸业有限公司
中国海南省洋浦经济开发区 D12 区

以下测试之样品是由申请者所提供及确认: 双面铜版纸

SGS 工作编号 : SZ13068767
SGS 内部编号 : 16.14
测试样品信息 : 双面铜版纸
客户参考信息 : 双面亚光铜版纸
样品接收日期 : 2011 年 4 月 14 日
测试周期 : 2011 年 4 月 14 日 - 2011 年 4 月 20 日

测试要求 : 根据客户要求测试

测试方法 : 请参见下一页

测试结果 : 请参见下一页

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Manson Yang 杨跃飞
批准签署人

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198 Kazhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

测试结果:
 样本 1 描述: 白色纸片

PAHs (多环芳烃)

测试项目	单位	测试方法	测试结果	MDL
萘 (NAP)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苊烯 (ANY)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苊 (ANA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
芴 (FLU)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
菲 (PHE)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
蒽 (ANT)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
荧蒽 (FLT)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
芘 (PYR)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苯并 (a) 蒽 (BaA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
屈 (CHR)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苯并 (b) 荧蒽 (BbF)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苯并 (k) 荧蒽 (BkF)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苯并 (a) 芘 (BaP)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
茚并 (1,2,3-c,d) 芘 (IPY)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
二苯并 (a,h) 蒽 (DBA)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
苯并 (g,h,i) 芘 (BPE)	mg/kg	ZEK 01.2-08, GC-MS	N.D.	0.2
16 项 PAHs 总量 (根据 US EPA)	mg/kg	-	N.D.	-

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. 本测试报告内容是参照报告编号为 GZ1104044114/CHEM 的中文译本, 中英文版本如有歧异, 概以英文版为准。

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ZEK 01.2-08: 产品中 PAHs 含量的最大浓度限值

参数	1 类	2 类	3 类
	设计意图为放入口中的材料, 以及 36 个月以下幼儿的玩具上与皮肤接触的材料	未在 1 类规定中涵盖的材料, 且可能与皮肤长期接触的材料 (接触时间大于 30 秒)。	未在 1 和 2 类规定中涵盖的材料, 且可能与皮肤短期接触的材料 (接触时间小于等于 30 秒)
苯并(a)芘含量 (mg/kg)	<MDL (<0.2)***	1	20
16 项 PAHs (US EPA) 总量 (mg/kg)**	<MDL (<0.2)***	10	200

备注: ** = 仅物质浓度大于 0.2ppm 时才用于计算 16 项多环芳烃总量。

*** = 若设计意图为放入口中的材料的测试结果大于 1 类限值但不超过 2 类限值, 需再依据 DIN EN 1186ff 及 §64 LFGB 80.30-1 进行 PAH 的迁移性测试并根据相关食品法规进行判定。

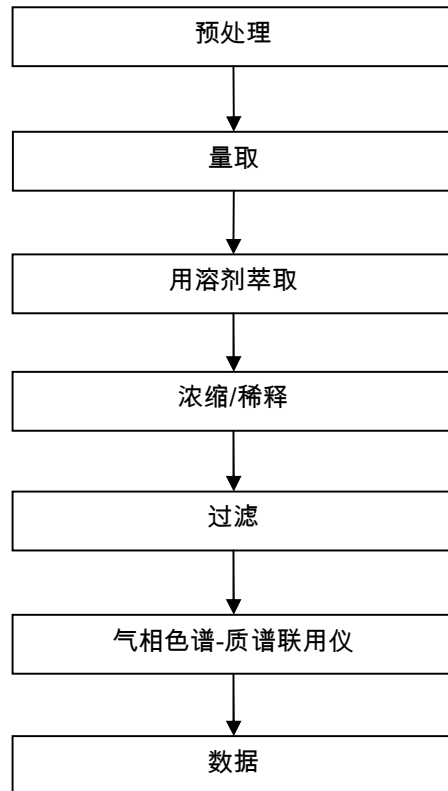
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附件

PAHs 测试流程图

- 1) 分析人员: 余晓璐
- 2) 项目负责人: 杨伟兴



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样品照片:



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*** 报告完 ***

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