

日期: 2011 年 4 月 20 日 第1页, 共5页 No. GZ1104044115/CHEM

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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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
葱 (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) 蔥 (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
茚苯 (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)

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- 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

<del>LEROTE OF A THO TENSON KEE</del>				
参数	1 类	2 类	3 类	
	料,以及36个月以下幼儿的玩具上与皮肤接触的材料	料,且可能与皮肤长期接触 的材料(接触时间大于 30	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)***<="" td=""><td>1</td><td>20</td></mdl>	1	20	
16 项 PAHs (US EPA)总量 (mg/kg)**	<mdl (<0.2)***<="" td=""><td>10</td><td>200</td></mdl>	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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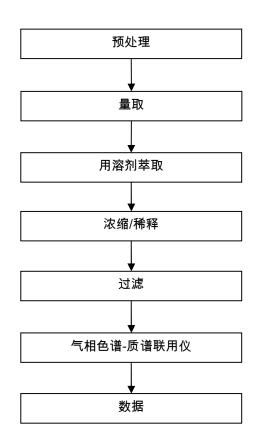
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### 附件

# 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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