

No. GZ1104044109/CHEM

日期: 2011 年 4 月 20 日

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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 : 16.8

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

Manson Yang 杨跃飞

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测试结果:

样本 1 描述: 白色纸片

#### Phthalate(s) (邻苯二甲酸酯)

| 测试项目                   | 单位     | 测试方法 (参考)            | 测试结果 | MDL   |
|------------------------|--------|----------------------|------|-------|
| 邻苯二甲酸二甲酯(DMP)          | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二乙酯(DEP)          | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二丁酯(DBP)          | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸丁苄酯(BBP)          | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二(2-乙基己基)酯 (DEHP) | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二异壬酯(DINP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.01  |
| 邻苯二甲酸二正辛酯(DNOP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二异癸酯(DIDP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.01  |
| 邻苯二甲酸二异丁酯(DIBP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二正壬酯(DNP)         | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二异辛酯(DIOP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.01  |
| 邻苯二甲酸二正丙酯(DPrP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二环已酯(DCHP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二正戊酯(DPP)         | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二苄酯(DBzP)         | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
| 邻苯二甲酸二苯酯 (DPhP)        | %(w/w) | EN14372: 2004, GC-MS | N.D. | 0.003 |
|                        |        |                      |      |       |

1. mg/kg = ppm; 0.1%=1000ppm

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- 2. MDL = 方法检测限
- 3. N.D.= 未检出 (< MDL)
- 4. 本测试报告内容是参照报告编号为 GZ1104044108/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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参考: 1907/2006/EC 的修正指令——552/2009/EC 第 51/52 条(前身为 2005/84/EC)的要求: 对于 DBP, BBP, DEHP

- (1)不允许 DBP, BBP, DEHP 质量浓度高于 0.1%的可塑性物料用于玩具和儿童护理品。
- (2)当玩具和儿童护理品中的可塑性物料含 DBP, BBP, DEHP 质量浓度高于 0.1%时, 不得投放市场。

对于 DINP, DNOP, DIDP

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- (1)不允许 DINP, DNOP, DIDP 质量浓度高于 0.1%的可塑性物料用于可放入儿童口中的玩具和儿童护理品。
- (2)当可放入儿童口中的玩具和儿童护理品中的可塑性物料含 DINP, DNOP, DIDP 质量浓度高于 0.1%时,不得投放市场。

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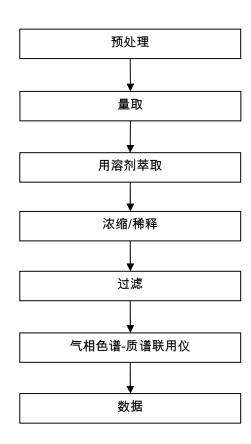
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## 附件

#### Phthalates 测试流程图

1) 分析人员:赵瑞娜 2) 项目负责人:杨伟兴



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