

测试报告

No. SH9157644/CHEM

Date: Aug. 17, 2009

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旭化成精细化工(南通)有限公司
上海漕宝路 500 号 8 号楼 4 楼

委托检验的样品及客户对样品的说明如下:

样品名称 : TPA-90SB
SGS 相关号 : 12098398-2
型号 : 81251B1
主要成份 : 聚异氰酸酯

样品收到日期 : 2009-08-13
样品试验日期 : 2009-08-13—2009-08-17

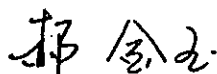
试验要求 : 参照 RoHS 指令 2002/95/EC 及后续修正指令.

试验方法 : 参照 IEC 62321:2008:
(1) 用 ICP-OES 测定镉的含量
(2) 用 ICP-OES 测定铅的含量
(3) 用 ICP-OES 测定汞的含量
(4) 用 比色法测定六价铬的含量
(5) 用 GC/MS 测定 PBBs(多溴联苯)和 PBDEs(多溴二苯醚) 的含量

试验结果 : 见后续页

试验结论 : 基于所送样品进行的测试, 测试结果与欧盟 RoHS 指令 2002/95/EC 以及后续修正指令的要求相符。

SGS-CSTC 化学实验室授权签字



郝金玉
实验室经理

根据客户申请, SGS 出具了此中文报告; 英文版本可根据客户要求提供。(The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed.)

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化学方法的试验结果 (单位: mg/kg)

测试项目:	方法 (参见)	1	MDL	RoHS 限值
镉(Cd)	(1)	ND	2	100
铅(Pb)	(2)	ND	2	1000
汞(Hg)	(3)	ND	2	1000
碱性溶液萃取测六价铬(Cr VI)	(4)	ND	2	1000
多溴联苯(PBBs)之和	(5)	ND	-	1000
一溴联苯		ND	5	-
二溴联苯		ND	5	-
三溴联苯		ND	5	-
四溴联苯		ND	5	-
五溴联苯		ND	5	-
六溴联苯		ND	5	-
七溴联苯		ND	5	-
八溴联苯		ND	5	-
九溴联苯		ND	5	-
十溴联苯		ND	5	-
多溴二苯醚之和(PBDEs)		ND	-	1000
一溴二苯醚		ND	5	-
二溴二苯醚		ND	5	-
三溴二苯醚		ND	5	-
四溴二苯醚		ND	5	-
五溴二苯醚		ND	5	-
六溴二苯醚		ND	5	-
七溴二苯醚		ND	5	-
八溴二苯醚		ND	5	-
九溴二苯醚	ND	5	-	
十溴二苯醚 ##	ND	5	-	

(所示结果为液体样品总重量中的含量)

测试部件外观描述:

1. 透明液体

备注:

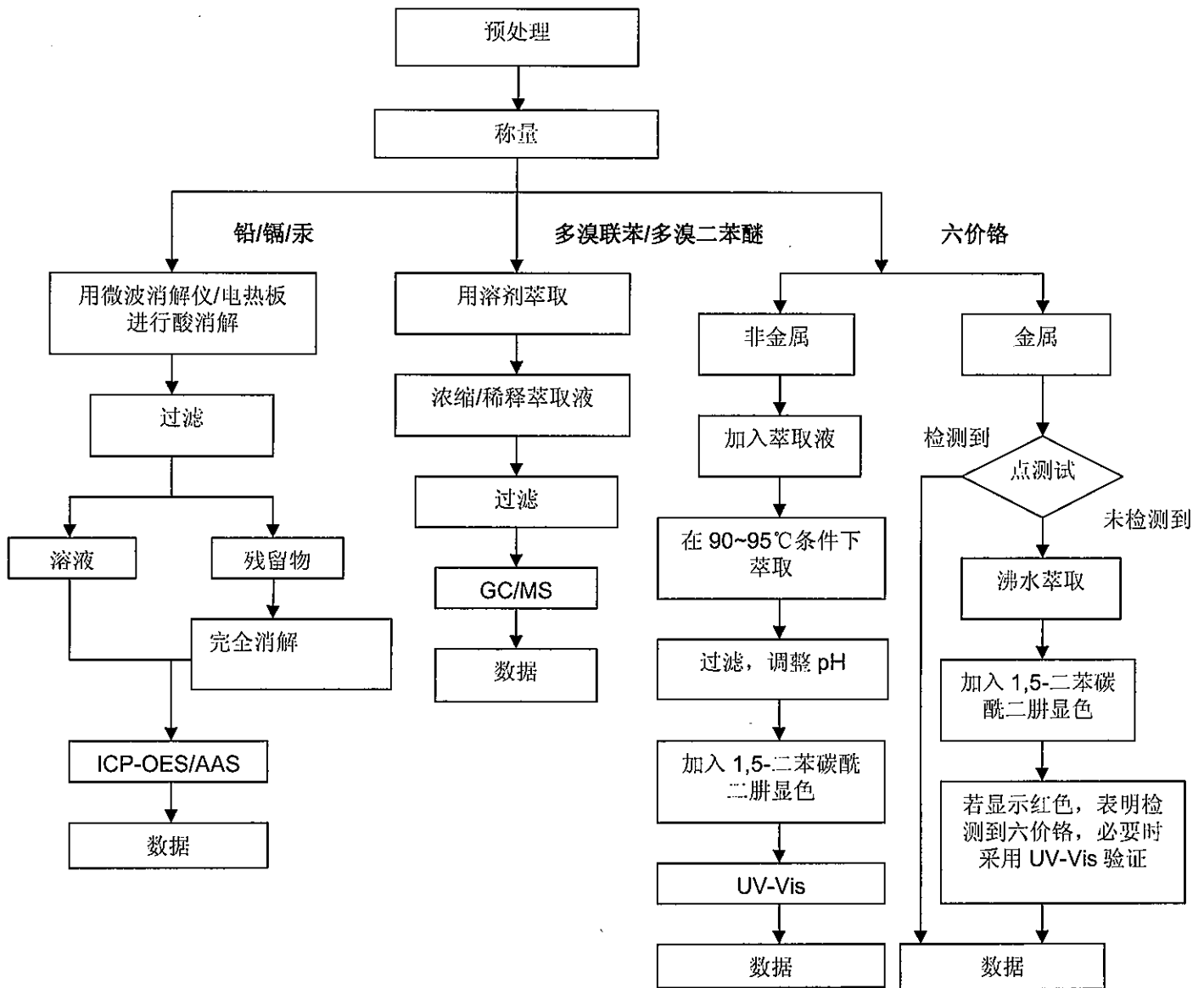
- (1) 毫克每千克=百万分之一(mg/kg=ppm)
- (2) ND =未检出
- (3) MDL =检测极限值
- (4) ##=根据欧洲法庭 2008 年 4 月 1 日的决议, 2005/717/EC 中关于聚合物样品中十溴二苯醚的豁免被否决。自 2008 年 7 月 1 日起,十溴二苯醚已被包含于多溴二苯醚的总和计算之中
- (5) 多溴二苯醚 = 多溴联苯醚
- (6) "-" = 未规定
- (7) 最大允许极限值引用自 2002/95/EC RoHS 指令和后续修正指令 2005/618/EC。

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附件

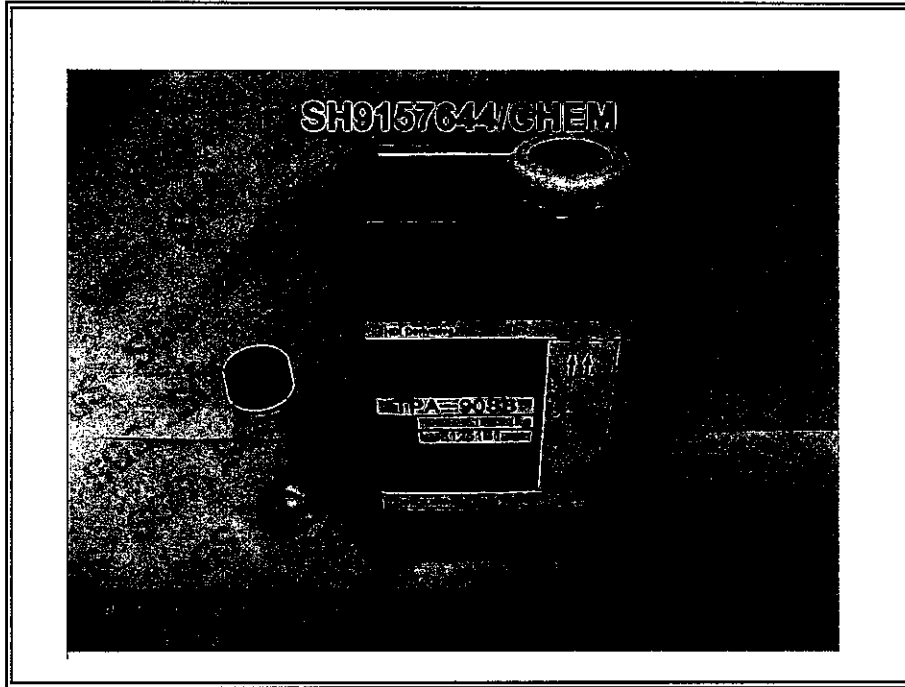
- 1) 分析人员: 张春华/徐双/方何裔/林以琳
- 2) 项目负责人: 王卫/沈建萍
- 3) 样品按照下述流程被完全消解 (六价铬和多溴联苯/多溴二苯醚测试除外)。



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