

镇江国亨化学有限公司  
江苏省镇江市新区大满港韩峰路 2 号

委托检验的样品及客户对样品的说明如下:

样品名称 : 阻燃级 ABS(塑料粒子)  
SGS 相关号 : 11136264-12  
买家 : SONY 协力厂  
型号 : D-1200  
主要成份 : 丙烯腈-丁二烯-苯乙烯共聚物及添加剂

样品收到日期 : 2008-07-09  
样品试验日期 : 2008-07-09—2008-07-12

试验要求 : (1)参照 SONY SS-00259  
(1-1)测定委托样品的镉,铅和汞含量.  
(1-2)测定委托样品的六价铬含量.  
(1-3)测定委托样品的多溴联苯/多溴联苯醚含量.  
(2)测定委托样品的多环芳香烃含量

试验方法 : (1-1) 参照 US EPA 方法 3052 方法测定样品中的镉,铅和汞含量.  
采用 ICP 进行分析.  
(1-2) 参照 US EPA 方法 3060A&7196A 方法测定样品中的六价铬含量.  
采用紫外-可见分光光度计进行比色分析.  
(1-3) 参照 US EPA 方法 3540C/3550C 方法测定 PBBs(多溴联苯)和 PBDEs(多溴联苯醚)的含量.  
采用 GC/MS 进行分析.  
(2) 参照 ZEK 01-08 及其后续指令, 采用 GC/MS 进行分析

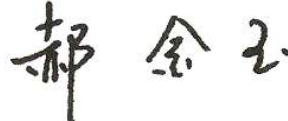
试验结果 : 见下一页

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张曜  
部门经理

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郝金玉  
实验室经理

本报告是发布日期为 2008 年 07 月 14 日编号为 SH8099177/CHEM 英文检测报告的中文译本。如有异议, 以英文版本为准。

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化学方法试验结果

(1) 镉, 铅, 汞, 六价铬和 PBBs(多溴联苯)和 PBDEs(多溴联苯醚)含量.

测试项目	1	单位	MDL
镉(Cd)	ND	mg/kg	2
铅(Pb)	10	mg/kg	2
汞(Hg)	ND	mg/kg	2
六价铬 (Cr VI)	ND	mg/kg	2
多溴联苯(PBBs)之和	ND	mg/kg	--
一溴联苯	ND	mg/kg	5
二溴联苯	ND	mg/kg	5
三溴联苯	ND	mg/kg	5
四溴联苯	ND	mg/kg	5
五溴联苯	ND	mg/kg	5
六溴联苯	ND	mg/kg	5
七溴联苯	ND	mg/kg	5
八溴联苯	ND	mg/kg	5
九溴联苯	ND	mg/kg	5
十溴联苯	ND	mg/kg	5
多溴联苯醚(PBDEs)之和	ND	mg/kg	--
一溴联苯醚	ND	mg/kg	5
二溴联苯醚	ND	mg/kg	5
三溴联苯醚	ND	mg/kg	5
四溴联苯醚	ND	mg/kg	5
五溴联苯醚	ND	mg/kg	5
六溴联苯醚	ND	mg/kg	5
七溴联苯醚	ND	mg/kg	5
八溴联苯醚	ND	mg/kg	5
九溴联苯醚	ND	mg/kg	5
十溴联苯醚	ND	mg/kg	5

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(2)多环芳香烃含量(单位: mg/kg)

测试项目:	方法 (参见)	1	MDL
Naphthalene 萘	(2)	ND	0.2
Acenaphthylene 芴烯		ND	0.2
Acenaphthene 芴(萘嵌戊烷)		ND	0.2
Fluorene 芴		ND	0.2
Phenanthrene 菲		ND	0.2
Anthracene 蒽		ND	0.2
Fluoranthene 荧蒽		ND	0.2
Pyrene 芘		ND	0.2
Benzo(a)anthracene 苯并(a)蒽		ND	0.2
Chrysene 屈		ND	0.2
Benzo(b)fluoranthene 苯并(b)荧蒽		ND	0.2
Benzo(k)fluoranthene 苯并(k)荧蒽		ND	0.2
Benzo(a)pyrene 苯并(a)芘		ND	0.2
Indeno(1,2,3-c,d)pyrene 茚芘(1,2,3-c,d)芘		ND	0.2
Dibenzo(a,h)anthracene 二苯并(a,h)蒽		ND	0.2
Benzo(g,h,i)perylene 苯并(g,h,i)芘(二萘嵌苯)		ND	0.2
以上 16 项多环芳香烃总和	ND	0.2	

ZEK 01-08:产品最大控制值

参数	1 类	2 类	3 类
	与食品接触的材料, 可能放入口中的材料, 以及 3 岁以下幼儿的玩具	可能产生长期皮肤接触的材料 (接触时间超过 30 秒), 未在 1 类规定中涵盖的玩具	可能产生短期皮肤接触的材料 (接触时间不超过 30 秒) 或不产生接触的材料
BaP 含量 (mg/kg)	不得检测到 (< 0.2)	1	20
16 种 PAH (EPA)总量 (mg/kg)*	不得检测到 (< 0.2)	10	200

注: \* =仅物质浓度大于 0.2ppm 时才用于计算 16 项 PAHs 总量

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样品外观描述:

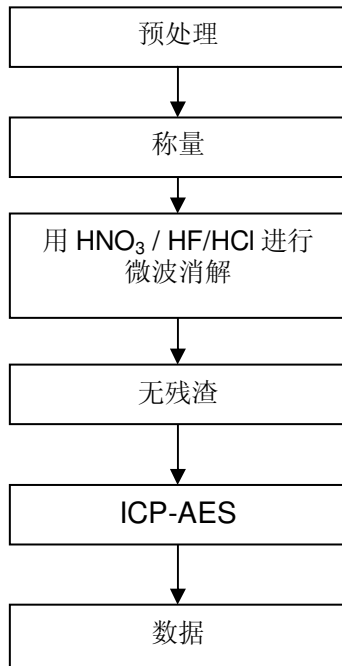
1. 米色塑料粒子

注释:

- (1) 毫克每千克=百万分之一(mg/kg=ppm)
- (2) MDL = 检测极限值
- (3) ND = 未检测出 (小于检测极限值)

附件

样品镉和铅测试流程图

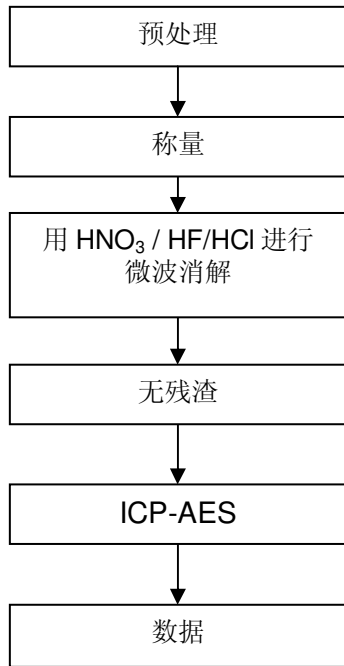


样品按照上述流程被完全消解。

技术员 : 连超锋  
主管 : 王卫

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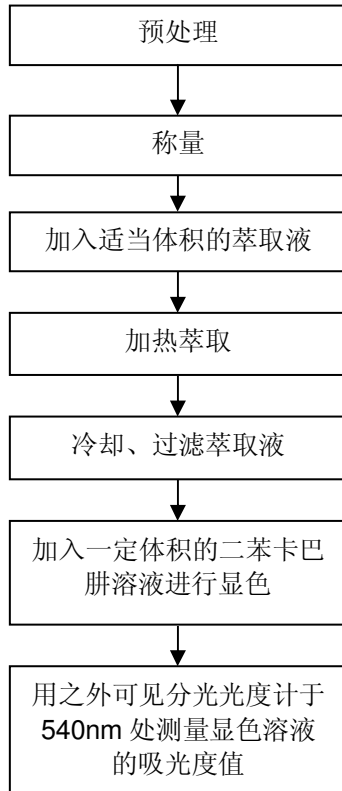
样品汞测试流程图



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 主管 : 王卫

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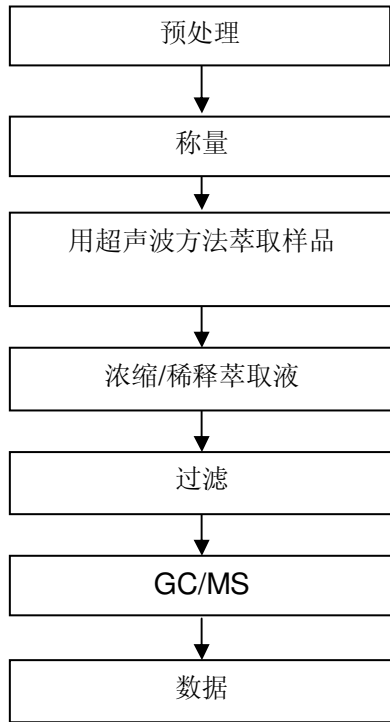
样品六价铬测试流程图



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 主管 : 王卫

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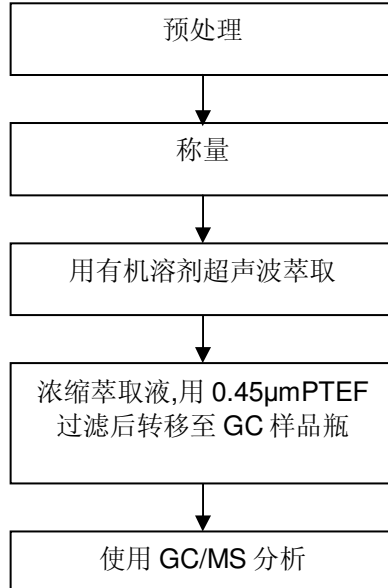
样品多溴联苯和多溴联苯醚测试流程图



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 主管 : 岳林禾

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PAHs 的测试流程图

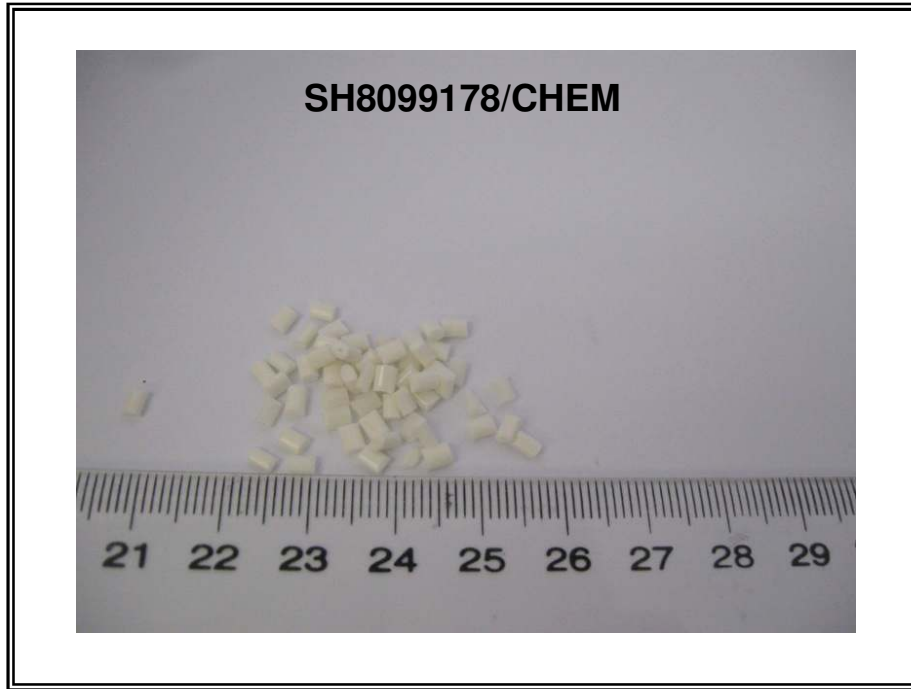


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