

化學實驗室-高雄

## 測試報告

KE/2014/B2263A-01

日期: Nov 27, 2014

頁數 1 of 3

崇裕科技股份有限公司  
新北市土城區永豐路 195 巷 27 弄 4 號

以下測試樣品係由客戶送樣, 且由客戶聲稱並經客戶確認如下:

產品名稱	: 31 度黑 感溫變色微膠囊粉
產品顏色	: 黑色
型號	: TM-PD 31-3141
送樣廠商	: 崇裕科技股份有限公司
樣品接收日期	: Nov 21, 2014
測試期間	: Nov 21, 2014 ~ Nov 27, 2014

測試方法及結果: 請參見下一頁

報告簽署人 / 董展榮 副理



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### 測試結果:

EN71-3:2013 – 可遷移元素

種類 III: 可刮除之玩具材質

測試方法: 參考 EN 71-3:2013 以 ICP-AES 分析。有機錫以 GC-MS 分析, 三價鉻及六價鉻以 LC-ICP-MS 分析。

測試項目	測試結果 (mg/kg)	方法偵測極限 (mg/kg)	參考限值** (mg/kg)
	1		
鋁 (Al)	ND	50	70,000
銻 (Sb)	ND	10	560
砷 (As)	ND	10	47
鋇 (Ba)	ND	50	18,750
硼 (B)	ND	50	15,000
鎘 (Cd)	ND	5	17
三價鉻 (Cr (III))	ND	1	460
六價鉻 (Cr (VI))	ND	0.18	0.2
鈷 (Co)	ND	10	130
銅 (Cu)	ND	50	7,700
鉛 (Pb)	ND	10	160
錳 (Mn)	ND	50	15,000
汞 (Hg)	ND	10	94
鎳 (Ni)	ND	10	930
硒 (Se)	ND	10	460
銣 (Sr)	ND	50	56,000
鋅 (Zn)	ND	50	46,000
錫 (Sn)	ND	4.9	180,000
有機錫	ND	--	12

測試項目		有機錫測試結果 (mg/kg)	方法偵測極限 (mg/kg)
		1	
單甲基錫	(MeT)	ND	0.5
二丙基錫	(DProT)	ND	0.5
單丁基錫	(BuT)	ND	0.5
二丁基錫	(DBT)	ND	0.5
三丁基錫	(TBT)	ND	0.5
單辛基錫	(MOT)	ND	0.5
四丁基錫	(TeBT)	ND	0.5
二苯基錫	(DPhT)	ND	0.5
二辛基錫	(DOT)	ND	0.5
三苯基錫	(TPhT)	ND	0.5

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樣品描述：

1. 31 度黑 感溫變色微膠囊粉

備註：- mg/kg = 毫克/公斤

- ND = 未檢出

：此為 2014/11/27 所發行 KE/2014/B2263 之加發報告，原始資料請參考 KE/2014/B2263。

注釋：\*\* = 此樣品不適用歐盟指令 2009/48/EC 的玩具材質範圍。

樣品照片：

# KE/2014/B2263



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