

測試報告

號碼 : CE/2006/A2597 日期 : 20061019 頁數 : 1 of 3



本報告為客戶所委託的樣品，樣品名稱為"不銹鋼"所做的測試。

Report on the submitted sample said to be STAINLESS STEEL.


樣品型號/Style/Item No : 304
收件日期(Sample Receiving Date) : 2006/10/14
測試期間(Testing Period) : 2006/10/14 TO 2006/10/19

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測試需求 / Test Requested : 參照 RoHS 2002/95/EC 及其修定指令要求。 / In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

測試方法 / Test Method :

- (1) 參考BS EN 1122方法B:2001, 用感應耦合電漿原子發射光譜儀檢測鎘含量。 / With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.
- (2) 參考US EPA 3050B方法, 用感應耦合電漿原子發射光譜儀檢測鉛含量。 / With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.
- (3) 參考US EPA 3052方法, 用感應耦合電漿原子發射光譜儀檢測汞含量。 / With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.
- (4) 參考IEC 62321, Ed. 1 111/54/CDV方法, 用Spot test / Colorimetric方法檢測六價鉻含量。 / With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Hexavalent Chromium by Spot test / Colorimetric Method.

測試結果 / Test Result(s) : 請見下一頁。


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

測試報告

號碼 : CE/2006/A2697 日期 : 20061019 頁數 : 2 of 3



測試結果 (單位: mg/kg) / Test Result(s)

測試項目 / Test Item (s):	測試方法 Method (Refer to)	結果 / Result		方法偵測 極限值 (MDL)
		No.1	No.2	
鎘 / Cadmium (Cd)	(1)	n.d.	---	2
鉛 / Lead (Pb)	(2)	n.d.	---	2
汞 / Mercury (Hg)	(3)	n.d.	---	2
六價鉻 / Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)	---	Negative	See Note 5

測試部位描述 / Test Part Description:

NO.1 : 銀色金屬 / SILVER COLORED METAL
 NO.2 : 銀色金屬鍍層 / PLATING LAYER OF SILVER COLORED METAL

Note : 1. mg/kg = ppm

2. n.d. = Not Detected / 未檢出

3. MDL = Method Detection Limit / 方法偵測極限值

4. "---" = Not Conducted / 未測項目

5. Spot-test:

Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Negative=鍍層中偵測不到六價鉻, Positive= 鍍層中偵測到六價鉻;

當該測項無法確認時, 測試樣品可藉由boiling-water-extraction測試方法進一步確認

Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

Negative=鍍層中偵測不到六價鉻, Positive=鍍層中偵測到六價鉻;

該濃度溶液 ≥ 0.02 mg/kg with 50 cm² (sample surface area)

測試報告

號碼：CE/2006/A2597 日期：20061019 頁數：3 of 3



** 報告結尾 **