



## Test Report

No.: GZ0703029995/CHEM

Date: MAR 15, 2007

Page 1 of 3

DONGGUAN QINGXI KINDLY SCKEW MANUFACTORY  
TUQIAO MANAGEMENT AREA QINGXI DONG GUAN CITY CHINA

The following sample(s) was/were submitted and identified on behalf of the applicant as BLUE ZINC PLATING

SGS Ref No. : GZ10283550EC-4.3  
Sample Receiving Date : MAR 09, 2007  
Testing Period : MAR 09, 2007 TO MAR 15, 2007

Test Requested : To determine the Cadmium, Lead, Mercury & Hexavalent Chromium content in the submitted sample.

Test Method : With reference to IEC 62321 Ed.1 111/54/CDV  
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products  
(1) Determination of Cadmium by ICP.  
(2) Determination of Lead by ICP.  
(3) Determination of Mercury by ICP.  
(4) Determination of Hexavalent Chromium by Colorimetric Method.

Test Results : Please refer to next page.

Signed for and on behalf of  
SGS-CSTC Ltd.

Jiang YongPing, Terry  
Sr. Engineer



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Page 2 of 3

Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	No.1	MDL
Cadmium(Cd)	(1)	N.D.	2
Lead (Pb)	(2)	N.D.	2
Mercury (Hg)	(3)	N.D.	2
Hexavalent Chromium (CrVI) by boiling water extraction	(4)	Negative	See Note 4

### Test Part Description:

No.1 Blue plated metal screw

Note : 1. mg/kg = ppm

2. N.D. = Not Detected (< MDL)

3. MDL = Method Detection Limit

4. **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.)

**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 cm<sup>2</sup> sample surface area.

Sample photo :



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*