

## Test Report

No. 2046490/EC

Date : Dec 17 2005

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ECS INC.  
1105 S. RIDGEVIEW OLATHE,  
KS 66062

Report on the submitted sample said to be SMD CRYSTAL (CSM-7X, CSM-7X-DN PACKAGE, (-5PX P/N'S).

SGS Job No. : 1937190  
Client Part Number : SMD CRYSTAL (CSM-7X, CSM-7X-DN PACKAGE, (-5PX P/N'S)  
Sample Receiving Date : DEC 09 2005  
Testing Period : DEC 09 - 17 2005

Test Requested : 1) To determine the Cadmium Content in the submitted sample.  
2) To determine the Lead Content in the submitted sample.  
3) To determine the Mercury Content in the submitted sample.  
4) To determine the Cadmium, Lead, Mercury Content in the submitted metal sample.  
5) To determine the Hexavalent Chromium Content on the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
2) With reference to EPA Method 3050B/ 3051/ 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
3) With reference to EPA Method 3051/ 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
4) With reference to SGS in-House Method. The sample was digested by acid. Analysis was performed by Inductively Coupled Argon Plasma - Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.  
5) With reference to EPA Method 3060A & 7196A. The sample was alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A (by UV-Vis Spectrophotometer).

Test Result :  
1-5)

<u>Test Item</u>	<u>1</u>	<u>2</u>	<u>Detection Limit</u>
Cadmium (Cd)	ND	ND	2 ppm
Lead (Pb)	3ppm	14ppm	2 ppm
Mercury (Hg)	ND	ND	2 ppm
Hexavalent Chromium (Cr <sup>6+</sup> )	ND	ND	2 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg  
ND = Not Detected  
Not detected is reported when the reading is less than detection limit value

### Sample Description :

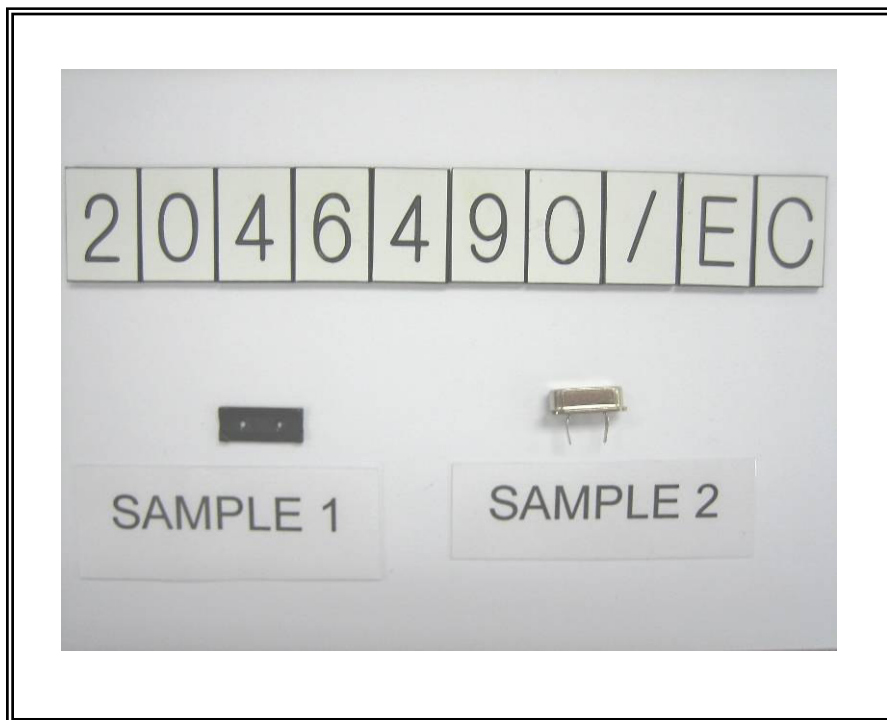
1. Black Plastic (Base)
2. Silvery Metal w/ Semi-Transparent Crystal w/ Silvery Coating w/ Red Glass

Signed for and on behalf of  
SGS Hong Kong Ltd

  
Ho Ka Ting, Family  
Laboratory Executive

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**PHOTO APPENDIX**



SGS authenticate the photo on original report only

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