

Test Report

No. LPCI/09412/11

Date : 15/04/2011

Page: 1 of 4

CTS Ref. CTS/11/1474/Electroloy

ELECTROLOY CORPORATION SDN. BHD.
3 & 6, JALAN BAYU 7, BANDAR SRI ALAM
81750 MASAI, JOHOR, MALAYSIA

The following merchandise was (were) submitted and identified by the client as:

Sample Description : PURE TIN ANODE SN99.99
Sample Receiving Date : 14/04/2011
Testing Period : 14/04/2011 to 15/04/2011

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Analyst : Ng Mei Kheng

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service (www.sgs.com/terms_and_conditions.htm) and Terms and Conditions for Electronic Documents (www.sgs.com/terms_e-document.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Even if printed this electronic document is to be treated as an original within the meaning of UCP 600 article 20b. The authenticity of this document may be verified at www.sgsonsite.com/authentication. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. **Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for three months only.**

Test Report

No. LPCI/09412/11

Date : 15/04/2011

Page: 2 of 4

CTS Ref. CTS/11/1474/Electroloy

Test results:

Test Part Description :

Sample Description : PURE TIN ANODE SN99.99

RoHS Directive 2002/95/EC

Test Item(s):	Unit	Test Method	Results	MDL
Cadmium(Cd)	mg/kg	With reference to IEC 62321:2008, and performed by ICP-OES	N.D.	2
Lead (Pb)	mg/kg	With reference to IEC 62321:2008, and performed by ICP-OES	17	2
Mercury (Hg)	mg/kg	With reference to IEC 62321:2008, and performed by ICP-OES	N.D.	2
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction (optional) #	---	With reference to IEC 62321:2008, and performed by UV-VIS Spectrophotometry (boiling water extraction only)	Negative	-

Note : (a) mg/kg = ppm ; (0.1wt% = 1000ppm)

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

(d) # = **Spot-Test:**

a. Negative means the absence of Cr(VI) on the tested areas

b. Positive means the presence of Cr(VI) on the tested areas

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

Boiling water extraction:

a. Negative means the absence of Cr(VI) on the tested areas

b. Positive means the presence of Cr(VI) on the tested areas;

The detected concentration in 50 mL boiling water extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

(e) - = Not regulated

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service (www.sgs.com/terms_and_conditions.htm) and Terms and Conditions for Electronic Documents (www.sgs.com/terms_e-document.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Even if printed this electronic document is to be treated as an original within the meaning of UCP 600 article 20b. The authenticity of this document may be verified at www.sgsonsite.com/authentication. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. **Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for three months only.**

Test Report

No. LPCI/09412/11

Date : 15/04/2011

Page: 3 of 4

CTS Ref. CTS/11/1474/Electroloy

Test Part Description :

Sample Description : PURE TIN ANODE SN99.99

ELECTROLOY CORPORATION SDN. BHD
LPCI/09412/11

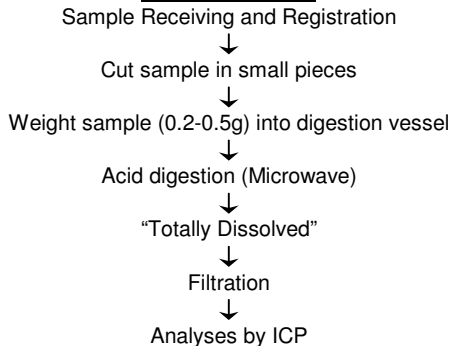


SGS LABORATORY SERVICES (M) SDN. BHD.

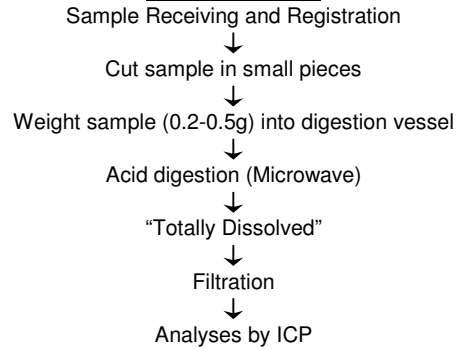
CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service (www.sgs.com/terms_and_conditions.htm) and Terms and Conditions for Electronic Documents (www.sgs.com/terms_e-document.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Even if printed this electronic document is to be treated as an original within the meaning of UCP 600 article 20b. The authenticity of this document may be verified at www.sgs.com/authentication. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. **Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for three months only.**

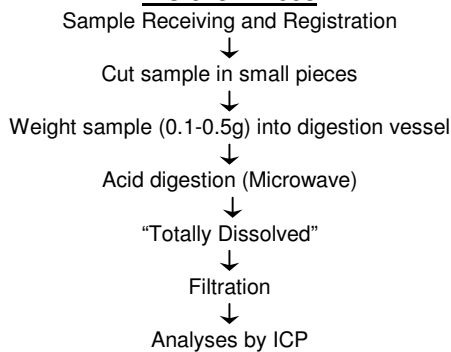
1. DETERMINATION OF CADMIUM CONTENT BY IEC 62321 2008



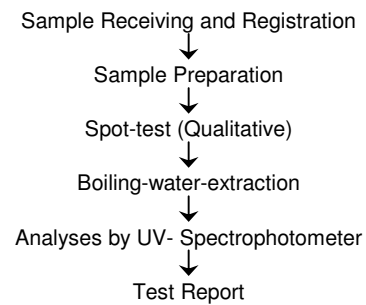
2. DETERMINATION OF LEAD CONTENT BY IEC 62321 2008



3. DETERMINATION OF MERCURY CONTENT BY IEC 62321 2008



4. DETERMINATION OF HEXAVALENT CHROMIUM BY IEC 62321 2008



**** End of Report ****

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service (www.sgs.com/terms_and_conditions.htm) and Terms and Conditions for Electronic Documents (www.sgs.com/terms_e-document.htm). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Even if printed this electronic document is to be treated as an original within the meaning of UCP 600 article 20b. The authenticity of this document may be verified at www.sgonsite.com/authentication. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. **Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for three months only.**