Test Report  No. CTSPN/01968-3/15  Date : 15/09/2015  Page: 1 of 4
CTS Ref. CTSPN/15/0414/Dynacraft

DYNACRAFT INDUSTRIES SDN. BHD.
255-A, BLOCK D, PHASE II, BAYAN LEPAS INDUSTRIAL ZONE,
11900 PENANG, MALAYSIA.

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

Sample Description : STD / Micro NiPdAu leadframe using EFTECT64T
STK # : EN102697SAXA
WO # : 1016233
Manufacturing Date : 14/07/2015
Country of Origin : Malaysia
Sample Receiving Date : 09/09/2015
Testing Period : 09/09/2015 to 15/09/2015

Test Results : Please refer to next page.
Analyst : Leong Ryh Cherng

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Test results by chemical method:

<table>
<thead>
<tr>
<th>Test Item (s)</th>
<th>Unit</th>
<th>Method</th>
<th>Results</th>
<th>MDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halogen</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Halogen-Fluorine (F)</td>
<td>mg/kg</td>
<td>With reference to BS EN 14582. Analysis was performed by IC method for Fluorine content.</td>
<td>N.D.</td>
<td>50</td>
</tr>
<tr>
<td>Halogen-Chlorine (Cl)</td>
<td>mg/kg</td>
<td>With reference to BS EN 14582. Analysis was performed by IC method for Chlorine content.</td>
<td>N.D.</td>
<td>50</td>
</tr>
<tr>
<td>Halogen-Bromine (Br)</td>
<td>mg/kg</td>
<td>With reference to BS EN 14582. Analysis was performed by IC method for Bromine content.</td>
<td>N.D.</td>
<td>50</td>
</tr>
<tr>
<td>Halogen-Iodine (I)</td>
<td>mg/kg</td>
<td>With reference to BS EN 14582. Analysis was performed by IC method for Iodine content.</td>
<td>N.D.</td>
<td>50</td>
</tr>
</tbody>
</table>

Test Part Description:

- Sample Description: STD / Micro NiPdAu leadframe using EFTECT64T
- STK # : EN102697SAXA
- WO # : 1016233
- Manufacturing Date : 14/07/2015
- Country of Origin : Malaysia

Note:  
(a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit  
(d) --- = Not Conducted

SGS (MALAYSIA) SDN. BHD.

TAY SIAM PINE
B.Sc.(HONS) AMIC
ASSISTANT LAB MANAGER
Test Report

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SGS authenticate the photo on the original report only

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**DETERMINATION OF HALOGEN CONTENT**

1. Sample pretreatment
2. Weighting and putting sample in cell
3. Combustion / Absorption
4. Dilution to fixed volume
5. Analyses by IC

**** End of Report ****