

**Client : Electronics Industry Public Company Limited  
103, 117 Moo 4, EPZ 1, Lat Krabang Industrial Estate,  
Lat Krabang, Bangkok 10520 Thailand**

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : Wafer/Chip  
Sample No. : 1491214  
Sample Condition : As per attached photograph  
Part No. : Wafer GPP  
Batch/Lot No. : GT07090303  
Sample Receiving Date : 30-Apr-2008  
Testing Period : 30-Apr-2008 to 06-May-2008  
Test Requested : In accordance with the RoHS Directive 2002/95/EC and its amendment directives  
Test Method : (1) With reference to EPA Method 3050B for Lead Content. Analysis was performed by ICP-OES.  
(2) With reference to EPA Method 3050B for Cadmium Content Analysis was performed by ICP-OES.  
(3) With reference to wet decomposition method for Mercury Content Analysis was performed by ICP-OES.  
(4) With reference to EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.  
Test Results : Please refer to next page.

**Signed for and on behalf of  
SGS (Thailand) Limited**



**Pornpana Lirathpong  
Hardlines Testing Manager**

TEST RESULTS

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

Test Item (s):	Method (Refer to)	Result (1)	MDL	RoHS Limit
Lead (Pb)	(1)	n.d.	2	1000
Cadmium (Cd)	(2)	n.d.	2	100
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (CrVI)	(4)*	n.d.	2	1000

Test Part Description  
Result (1) metal

Note :

(1) mg/kg = ppm

(2) n.d. = Not Detected

(3) MDL = Method Detection Limit

(4) " \* " Test method for hexavalent chromium is requested by the client and would not comply with certain OEMs or automotive assemblers requirements.

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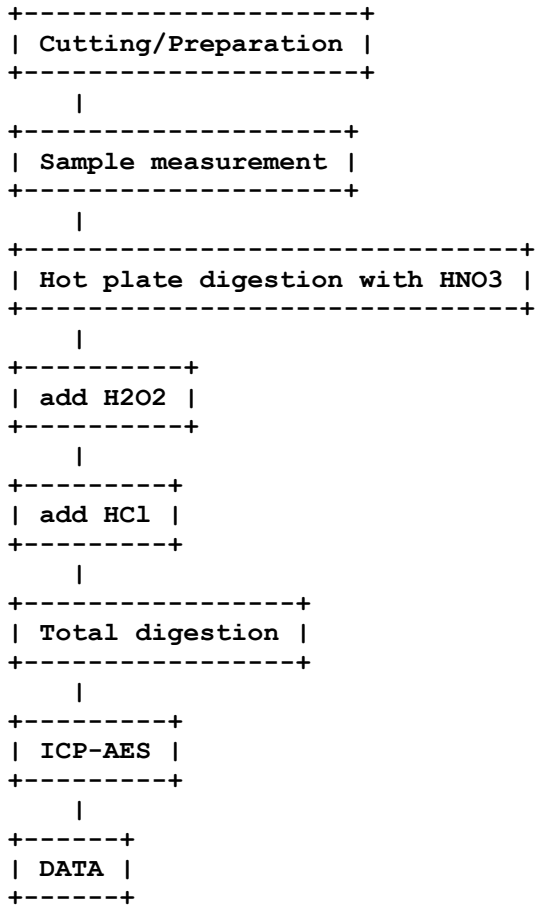
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Flow chart of digestion (Wet decomposition for Hg)



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Siam Polarwut  
 Section Chief : Laddawan Uranpitr

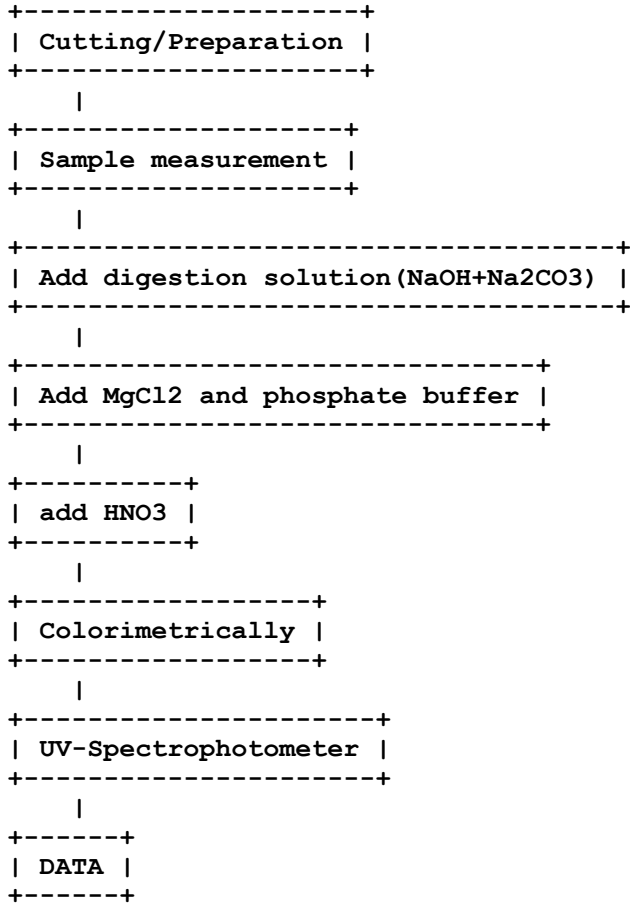
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Flow chart of digestion (EPA 3060A,7196A for Cr(VI))



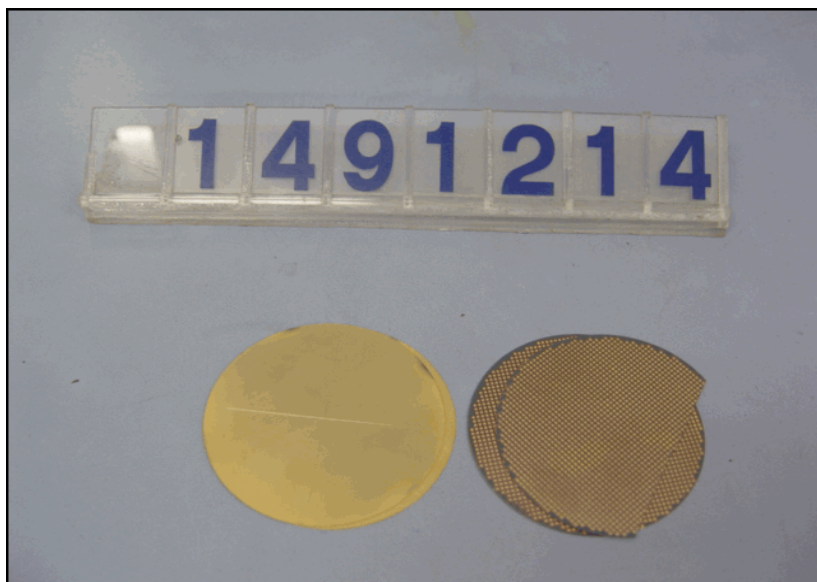
Operator : Varaporn Chaihanit  
 Section Chief : Laddawan Uranpitr

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SAMPLE/ATTACHMENT PICTURE



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

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