



Pony Testing International Group

## Test Report

NO.: E03252039604D

Date: 2011.03.30

Page 1 of 6

### Applicant:

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

Sample Name: 电解 NI

Sample Description: ELECTRO NI PLATING THICKNESS

Testing Part: PLATING

Sample Received Date: 2011.03.25

Test Period: 2011.03.25 To 2011.03.30

### Test Method:

With reference to IEC62321 Edition 1.0:2008 method: Regulated Substances

Content of test process with Electrical & Electronic Products

(1) Lead Analysis is performed by AAS

(2) Cadmium Analysis is performed by AAS

(3) Mercury Analysis is performed by ICP-OES

(4) PBBs and PBDEs Analysis is performed by GC-MS

With reference to ISO3613:2010 method,

Hexavalent Chromium Analysis is performed by UV

With reference to EN 14582:2007 method, F, Cl, Br, I Analysis is performed by IC

With reference to EPA 3540C:1996 method, PFOS、PFOA Analysis is performed by LCMS

### Test Result:

Please refer to next page(s)

### Approved by:

Code: r0lmkw

PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui District, Shanghai

Tel: (010) 82618116

Fax: (010) 86219629

E-mail: [pony@ponytest.com](mailto:pony@ponytest.com)

(021) 64851999

(021) 64856403

[csh@ponytest.com](mailto:csh@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangye Road, Nanshan District, Shenzhen

(0755) 26050909

(0755) 26068336

[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group



Pony Testing International Group

## Test Report

NO.: E03252039604D

Date: 2011.03.30

Page 2 of 6

Test Result (Unit: mg/kg)

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	N.D.	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr <sup>6+</sup> )	1	N.D.	1000
PBBs	—	—	1000
Bromobiphenyl	5	N.D.	—
Dibromobiphenyl	5	N.D.	—
Tribromobiphenyl	5	N.D.	—
Tetrabromobiphenyl	5	N.D.	—
Pentabromobiphenyl	5	N.D.	—
Hexabromobiphenyl	5	N.D.	—
Heptabromobiphenyl	5	N.D.	—
Octabromobiphenyl	5	N.D.	—
Nonabromobiphenyl	5	N.D.	—
Decabromobiphenyl	5	N.D.	—
PBDEs	—	—	1000
Bromodiphenyl ether	5	N.D.	—
Dibromodiphenyl ether	5	N.D.	—
Tribromodiphenyl ether	5	N.D.	—
Tetrabromodiphenyl ether	5	N.D.	—
Pentabromodiphenyl ether	5	N.D.	—
Hexabromodiphenyl ether	5	N.D.	—
Heptabromodiphenyl ether	5	N.D.	—
Octabromodiphenyl ether	5	N.D.	—
Nonabromodiphenyl ether	5	N.D.	—
Decabromodiphenyl ether	5	N.D.	—

PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui District, Shanghai

Tel: (010) 82618116

Fax: (010) 86219629

E-mail: [pony@ponytest.com](mailto:pony@ponytest.com)

District, Shanghai

(021) 64851999

(021) 64856403

[cs@ponytest.com](mailto:cs@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangye Road, Nanshan District, Shenzhen

(0755) 26050909

(0755) 26068336

[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group



Pony Testing International Group

## Test Report

NO.: E03252039604D

Date: 2011.03.30

Page 3 of 6

Test Result (Unit: mg/kg)

Test Item	MDL	Test Result
F	50	N.D.
Cl	50	N.D.
Br	50	N.D.
I	50	N.D.
PFOS	2	N.D.
PFOA	2	N.D.

Note: (1) mg/kg = ppm

(2) "—" = Does not stipulate

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

(4) MDL = Method Detection Limit

(5) The most allowable limit value reference to 2002/95/EC RoHS Directive & its subsequent amendment Directive 2005/618/EC

Photo:



Pony authenticate the photo on original report only

PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui District, Shanghai

Tel: (010) 82618116

Fax: (010) 86219629

E-mail: [pony@ponytest.com](mailto:pony@ponytest.com)

(021) 64851999

(021) 64856403

[csh@ponytest.com](mailto:csh@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangyue Road, Nanshan District, Shenzhen

(0755) 26050909

(0755) 26068336

[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group



Pony Testing International Group

## Test Report

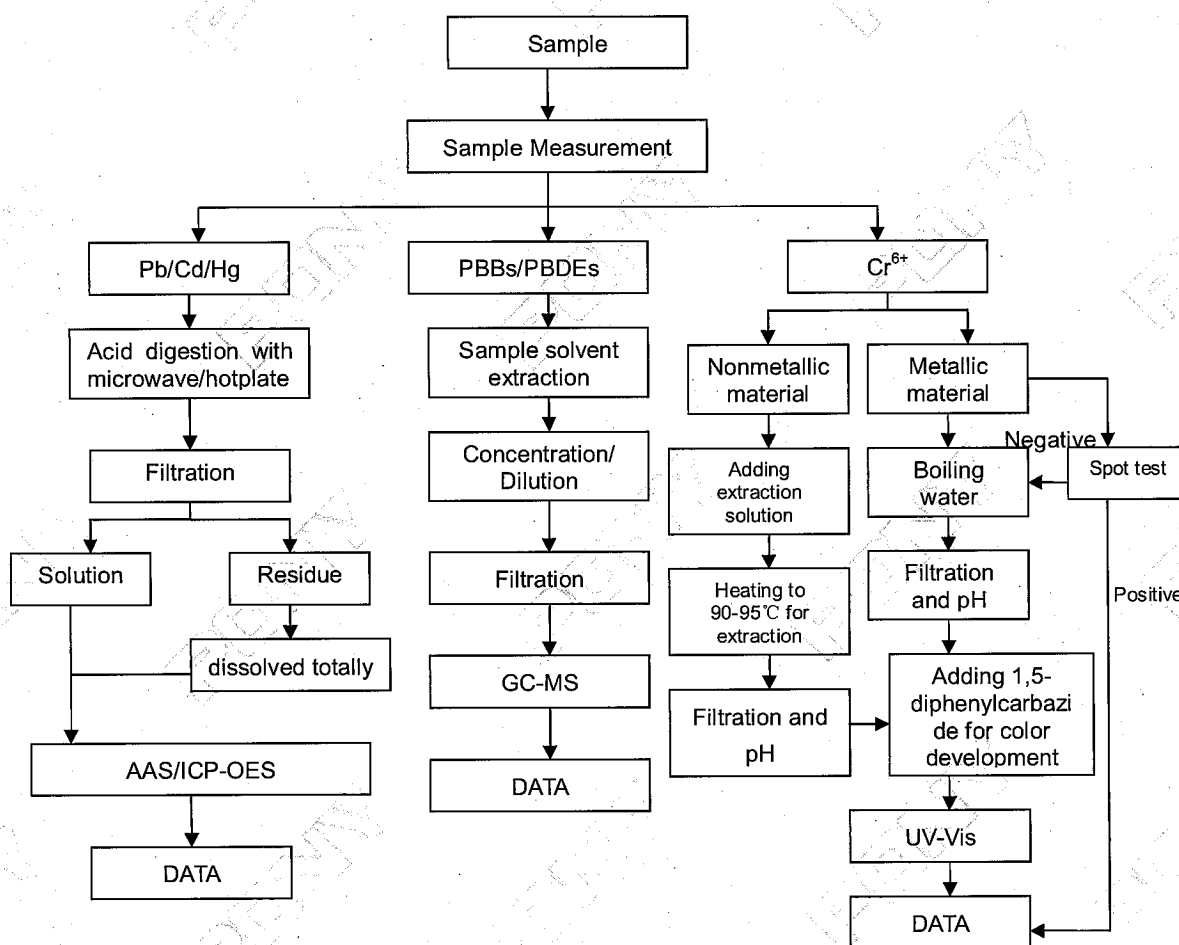
NO.: E03252039604D

Date: 2011.03.30

Page 4 of 6

### Measurement Flow-chart

These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart. ( $\text{Cr}^{6+}$  And PBBs/PBDEs Test Method Excluded)



PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui Road, Haidian District, Beijing District, Shanghai  
Tel: (010) 82618116 (021) 64851999  
Fax: (010) 86219629 (021) 64856403  
E-mail: [pony@ponytest.com](mailto:pony@ponytest.com) [cs@ponytest.com](mailto:cs@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangye Road, Nanshan District, Shenzhen  
(0755) 26050909  
(0755) 26068336  
[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group



Pony Testing International Group

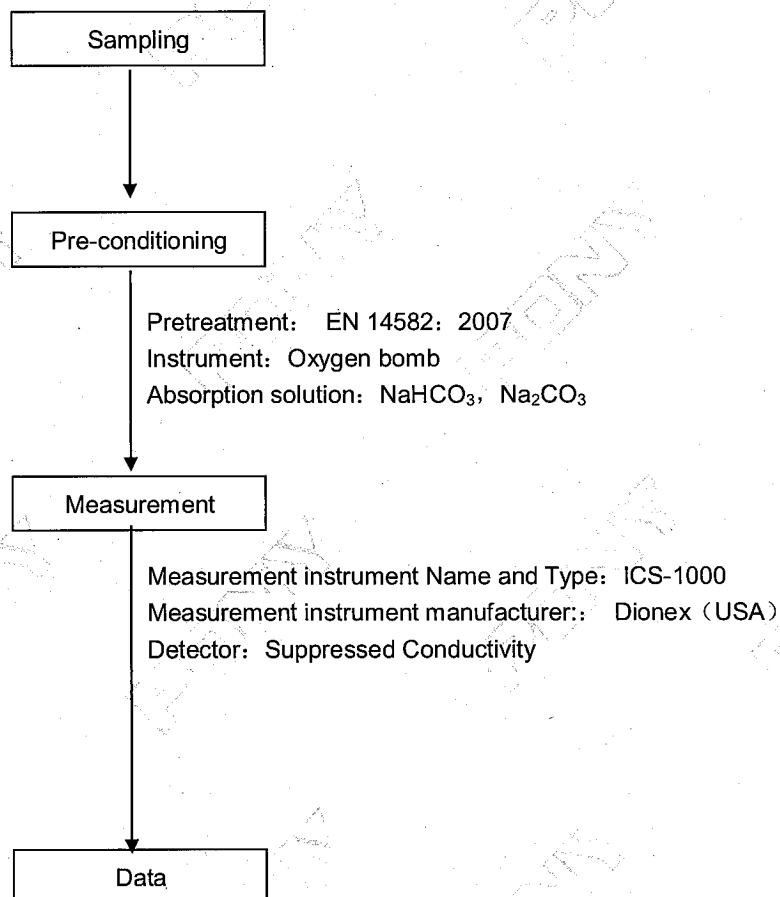
## Test Report

NO.: E03252039604D

Date: 2011.03.30

Page 5 of 6

### Halogen measurement flow-chart



PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui Road, Haidian District, Beijing District, Shanghai  
Tel: (010) 82618116 (021) 64851999  
Fax: (010) 86219629 (021) 64856403  
E-mail: [pony@ponytest.com](mailto:pony@ponytest.com) [csh@ponytest.com](mailto:csh@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangye Road, Nanshan District, Shenzhen  
(0755) 26050909  
(0755) 26068336  
[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group



Pony Testing International Group

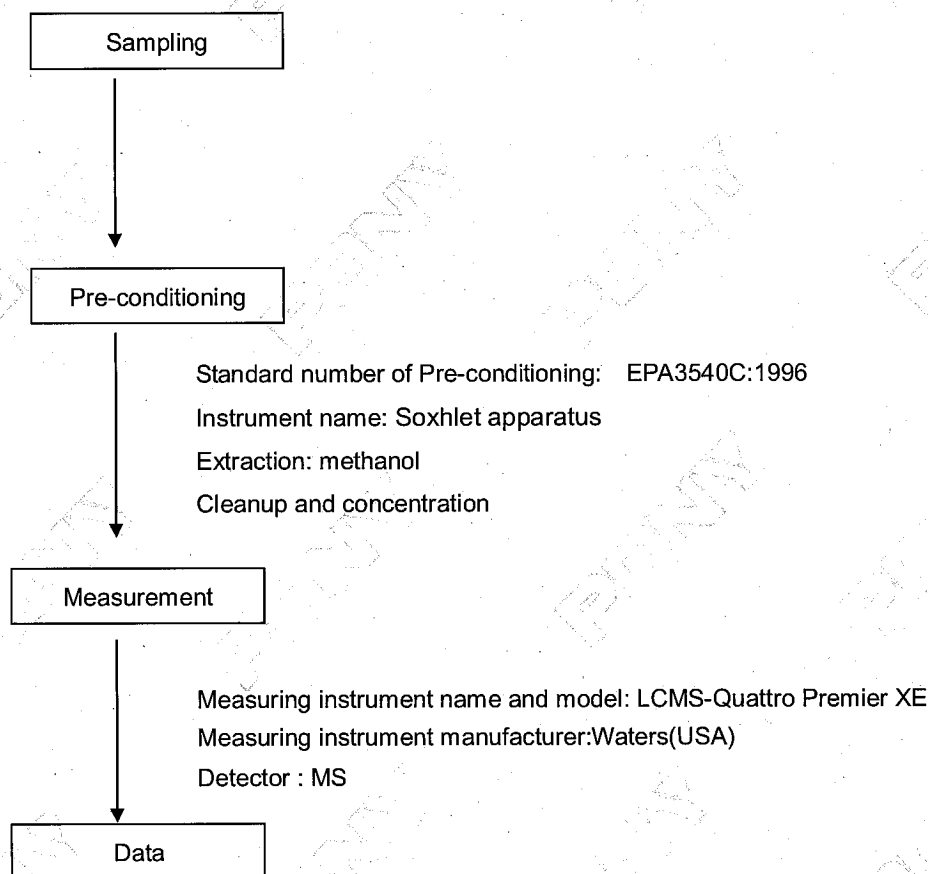
## Test Report

NO.: E03252039604D

Date: 2011.03.30

Page 6 of 6

### PFOS、PFOA Measurement Flow-chart



End of report

PONY assures objectivity and justness of the test, and fulfill the duty of confidentiality for applicant's information. Applicant should undertake responsibility for the authenticity of submitted sample and information. Unless otherwise stated the results shown in the report refer only to the sample(s) tested. PONY shall not have any economic and legal responsibility because the use of testing result, or direct and indirect losses, and all legal consequences because of the result. This report is invalid without signatures of approver and special seal for inspection of PONY, or it has been reproduced in full or part. This Report is issued by PONY subject to its General Conditions of Service. Any unauthorized alteration, forgery or falsification of the content is unlawful, offenders may be prosecuted to the fullest extent of the law.

[www.ponytest.com](http://www.ponytest.com) & Hotline 400-819-5688

Add: Yingzhi Building, No.49-3, Suzhou Building 35, No.680, Guiping Road, Xuhui Road, Haidian District, Beijing District, Shanghai  
Tel: (010) 82618116 (021) 64851999  
Fax: (010) 86219629 (021) 64856403  
E-mail: [pony@ponytest.com](mailto:pony@ponytest.com) [cs@ponytest.com](mailto:cs@ponytest.com)

Building 6 of Zhongxing Industry City, Chuangye Road, Nanshan District, Shenzhen  
(0755) 26050909  
(0755) 26068336  
[sz@ponytest.com](mailto:sz@ponytest.com)

Pony Testing International Group