

# Test Report

Report No.:SHR09050793062003

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**Applicant** :Nantong Fujitsu Microelectronic Co., Ltd

**Address** :No.288, Chongchuan Road, Nantong, Jiangsu, China

**Report on the submitted sample(s) said to be:**

Sample Name :DIP8NT

Sample Description :1.Silvery metal pin 2.Black plastic

Sample Received Date :May.7, 2009

Testing Period :May.7, 2009 to May.12, 2009

**Test Requested** :As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Perfluorooctanoic Acid (PFOA), Perfluorooctane Sulfonates(PFOS), contents in the submitted sample.

**Test Result(s): Please refer to following page(s).**

Tested by



Approved by

*Chen Dian*  
Technical Manager

Inspected by

*Zhang Yijun*

Date

May.12, 2009

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## Test Method:

Tested Items(s)	Pretreatment Method	Measured Equipment(s)	Report Limit
Lead (Pb)/ Cadmium (Cd)	Refer to IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
	Refer to IEC 62321:2008 Ed.1 Sec.9		
Mercury (Hg)	Refer to IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2mg/kg
Hexavalent Chromium (Cr(VI))	Refer to IEC 62321:2008 Ed.1 Annex C	UV-Vis	2mg/kg
	Refer to IEC 62321:2008 Ed.1 Annex B		/
Polybrominated Biphenyls (PBBs)	Refer to IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	Refer to IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Perfluorooctanoic Acid (PFOA)	Refer to US EPA 3550C	LC-MS-MS	5mg/kg
Perfluorooctane Sulfonates(PFOS)	Refer to US EPA 3550C	LC-MS-MS	5mg/kg

## Test Result(s):

Tested Item(s)	Contents	
	1	2
Lead (Pb)	20 mg/kg	N.D.
Cadmium (Cd)	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	Negative	N.D.

Tested Item(s)	Contents	
	1	2
<b>Polybrominated Biphenyls(PBBs)</b>		
Monobromobiphenyl	/	N.D.
Dibromobiphenyl	/	N.D.
Tribromobiphenyl	/	N.D.
Tetrabromobiphenyl	/	N.D.
Pentabromobiphenyl	/	N.D.
Hexabromobiphenyl	/	N.D.
Heptabromobiphenyl	/	N.D.
Octabromobiphenyl	/	N.D.
Nonabromobiphenyl	/	N.D.
Decabromobiphenyl	/	N.D.

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Tested Item(s)	Contents	
	1	2
<b>Polybrominated Diphenyl Ethers(PBDEs)</b>		
Monobromodiphenyl ether	/	N.D.
Dibromodiphenyl ether	/	N.D.
Tribromodiphenyl ether	/	N.D.
Tetrabromodiphenyl ether	/	N.D.
Pentabromodiphenyl ether	/	N.D.
Hexabromodiphenyl ether	/	N.D.
Heptabromodiphenyl ether	/	N.D.
Octabromodiphenyl ether	/	N.D.
Nonabromodiphenyl ether	/	N.D.
Decabromodiphenyl ether	/	N.D.

Tested Item(s)	Contents	
	1	2
Perfluorooctanoic Acid (PFOA)	N.D.	N.D.
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.

**Note : The sample had been dissolved totally tested for Lead, Cadmium, Mercury.**

-N.D. = Not Detected (<report limit ).

-mg/kg= ppm =parts per million.

-Negative = Absence of Cr(VI)

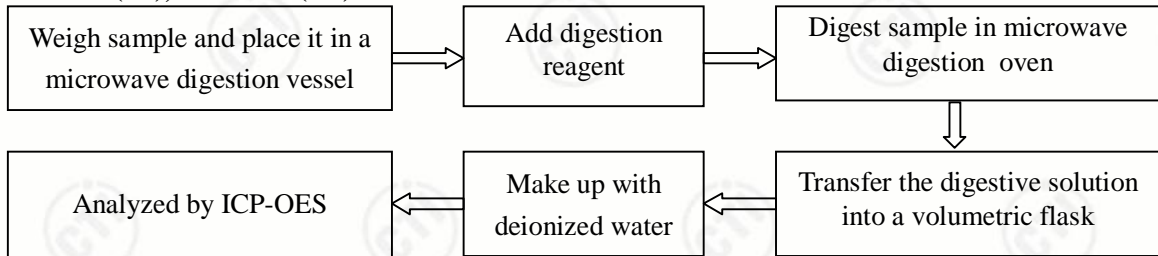
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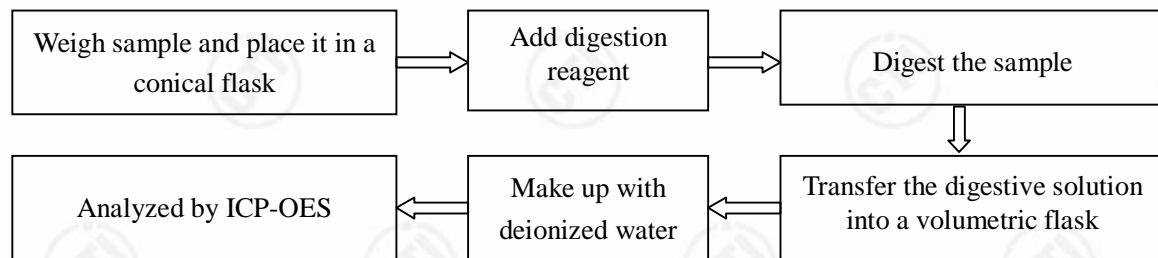
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## Test Process :

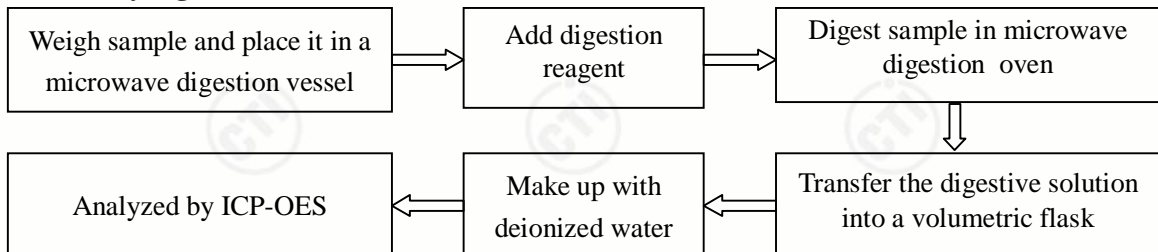
### 1.1 Lead(Pb), Cadmium(Cd)



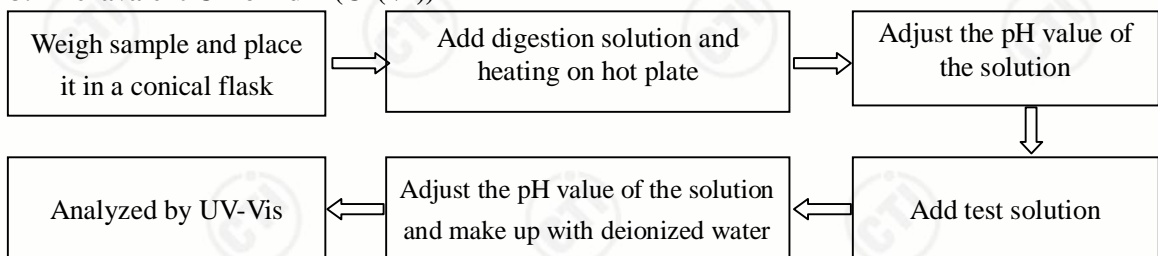
### 1.2 Lead(Pb), Cadmium(Cd)



## 2. Mercury(Hg)



### 3.1 Hexavalent Chromium (Cr(VI))

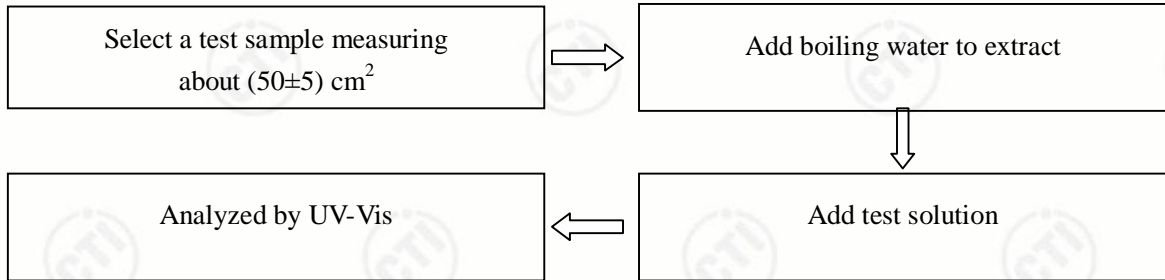


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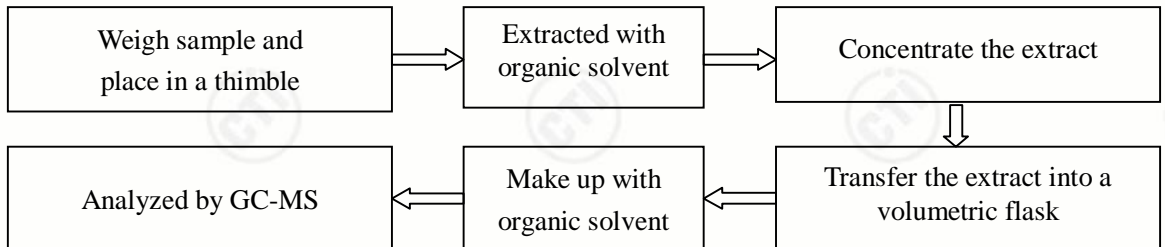
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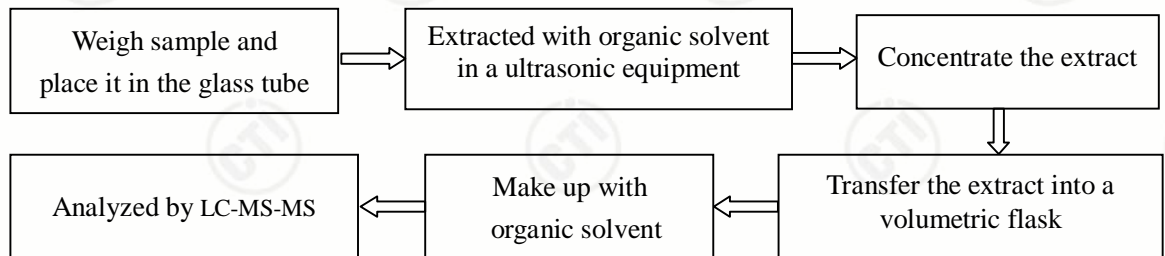
## 3.2 Hexavalent Chromium (Cr(VI))



## 4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



## 5. Perfluorooctanoic Acid (PFOA), Perfluorooctane Sulfonates(PFOS)

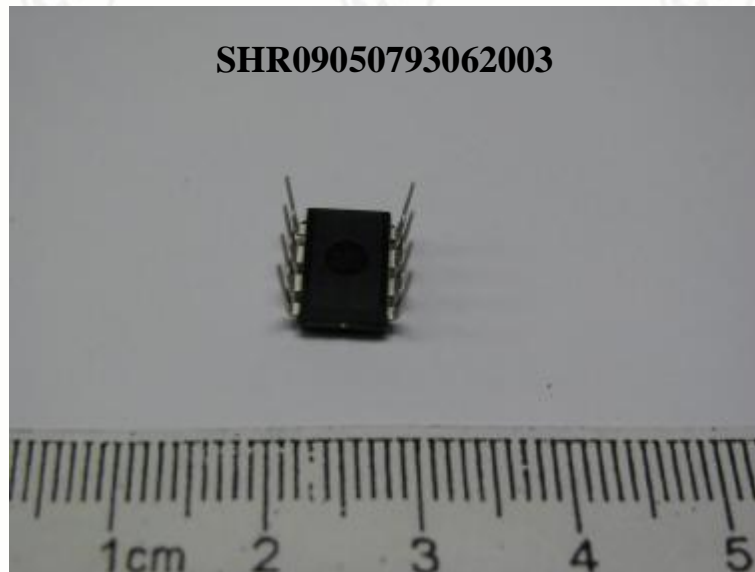


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## Photo of the sample



\*\*\* End of report \*\*\*

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