





**Table 1: List of Raw Materials covered by this report**

<b>Total Parts</b>	<b>Raw Material Part Number</b>	<b>Raw Material Description</b>	<b>Page(s)</b>
1	NA	Dice	3-7
2	NA	Lead Frame	8-12
3	NA	Solder Paste	13-17
4	NA	Epoxy	18-22
5	NA	Tin Plating	23-27



**TEST REPORT**

NUMBER: WUX0609627

APPLICANT: CONCORD SEMICONDUCTOR(WUXI) CO., LTD.      DATE: AUG 12,2008  
EAST 1#, ZHENFA 6 ROAD, SHUOFANG  
INDUSTRIAL PARK WUXI NATIONAL HIGH-TECH  
DEVELOPMENT ZONE, WUXI, JIANGSU  
ATTN:      ZHANG XIAOPENG

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE:  
ITEM NAME: DICE.  
ELEMENT: NA.  
VENDOR: YANGMEI.

\*\*\*\*\*

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

\*\*\*\*\*

TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
WUXI LTD.

JESSICA LU  
GENERAL MANAGER

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**無錫天祥質量技術服務有限公司**

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Tel: +86 510 8821 4567 Fax: +86 510 8820 0428 E-mail: consumergoods.wuxi@intertek.com

**Attention is drawn to the terms and conditions printed overleaf.**



**TEST REPORT**

NUMBER: WUX0609627

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT
CADMIUM (Cd) CONTENT (mg/kg)	ND
LEAD (Pb) CONTENT (mg/kg)	13065
MERCURY (Hg) CONTENT (mg/kg)	ND
CHROMIUM (VI) (Cr <sup>6+</sup> ) RESULT (BY BOILING WATER EXTRACTION ON METAL) (mg/kg WITH 50cm <sup>2</sup> )#	ND

REMARK:

mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE = ppm  
 mg/kg WITH 50cm<sup>2</sup> = MILLIGRAM PER KILOGRAM WITH 50 SQUARE CENTIMETER  
 ND = NOT DETECTED

(B) RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT  
 2005/618/EC FOR HOMOGENEOUS MATERIAL.

\*\*\*\*\*

TO BE CONTINUED

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**TEST REPORT**

NUMBER: WUX0609627

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02mg/kg with 50cm <sup>2</sup> (IN TESTING SOLUTION)

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED: AUG 6, 2008

TESTING PERIOD: AUG 6, 2008 TO AUG 12, 2008

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

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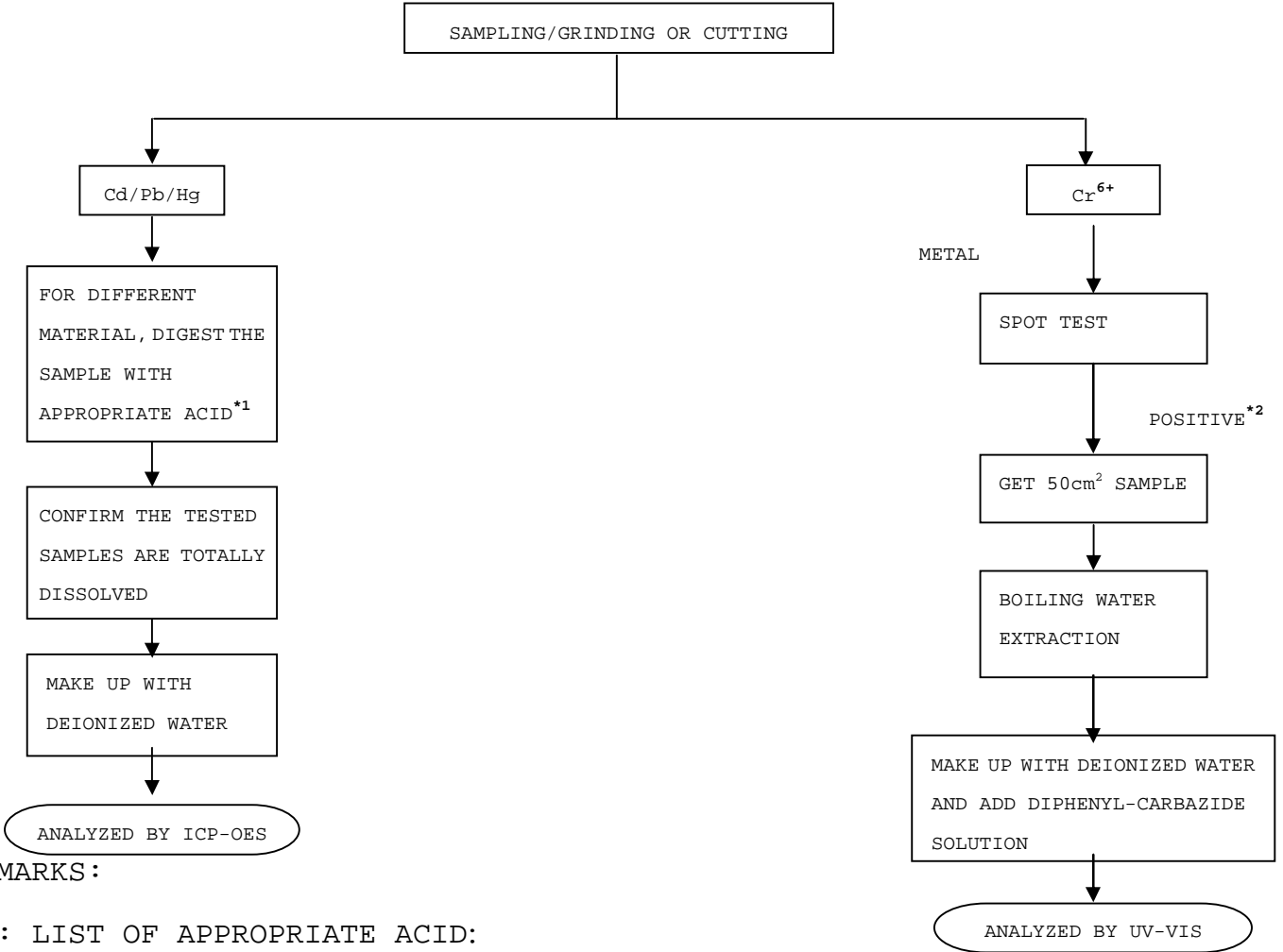
**TEST REPORT**

NUMBER: WUX0609627

MEASUREMENT FLOWCHART:

TEST FOR Cd/Pb/Hg/CHROMIUM (VI) CONTENTS

REFERENCE STANDARD: IEC 62321 (111/95/CDV)



REMARKS:

\*1: LIST OF APPROPRIATE ACID:

MATERIAL	1 ACID ADDED FOR DIGESTION
POLYMERS	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
METALS	HNO <sub>3</sub> , HCl, HF
ELECTRONICS	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

\*2: IF THE RESULT OF SPOT TEST IS POSITIVE, CHROMIUM VI WOULD BE DETERMINED AS DETECTED.

\*\*\*\*\*

TO BE CONTINUED

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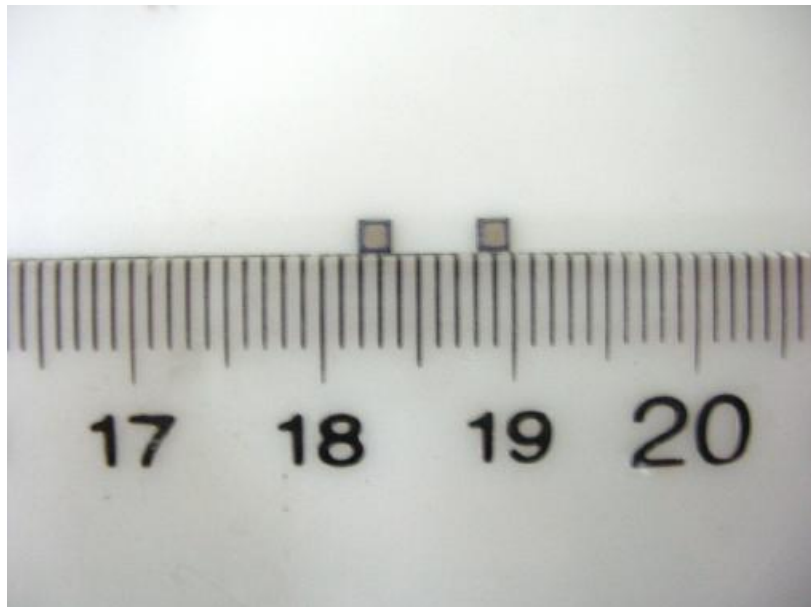
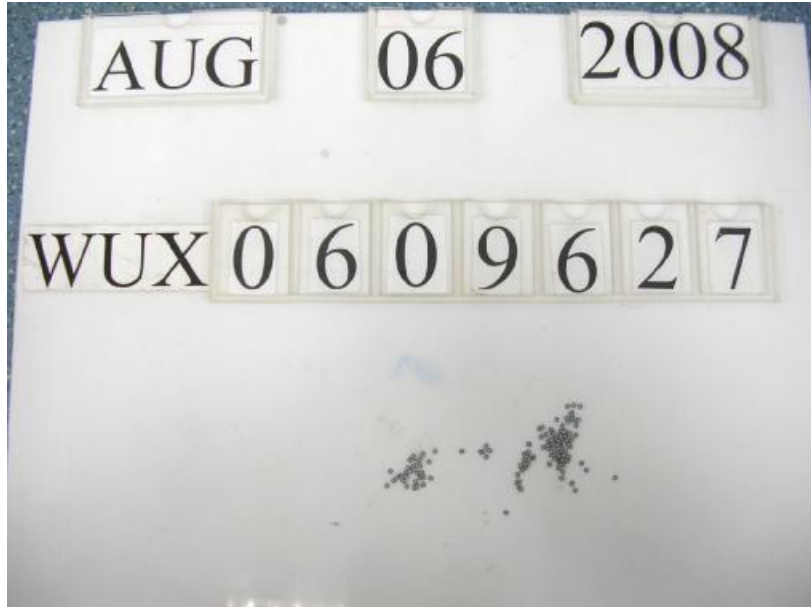
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PHOTO



\*\*\*\*\*

END OF REPORT

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**TEST REPORT**

NUMBER: WUX0609646

APPLICANT: CONCORD SEMICONDUCTOR(WUXI) CO., LTD. DATE: AUG 12,2008  
EAST 1#, ZHENFA 6 ROAD, SHUOFANG  
INDUSTRIAL PARK WUXI NATIONAL HIGH-TECH  
DEVELOPMENT ZONE, WUXI, JIANGSU  
ATTN: ZHANG XIAOPENG

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **COPPER METAL.**  
ITEM NAME: LEAD FRAME.  
ELEMENT: ALLOY COPPER.  
VENDOR: SHANGHAI JIN JIE ELECTRONIC MATERIAL CO., LTD.

\*\*\*\*\*

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

\*\*\*\*\*

SUMMARY:

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	WITH REFERENCE TO TEST METHOD OF IEC 62321 - 111/95/CDV AND MAXIMUM CONCENTRATION LIMITS QUOTED FROM ROHS DIRECTIVES 2002/95/EC AND AMENDMENT 2005/618/EC	PASS

\*\*\*\*\*

TO BE CONTINUED

AUTHORIZED BY:  
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**TEST REPORT**

NUMBER: WUX0609646

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT
CADMIUM (Cd) CONTENT (mg/kg)	ND
LEAD (Pb) CONTENT (mg/kg)	ND
MERCURY (Hg) CONTENT (mg/kg)	ND
CHROMIUM (VI) (Cr <sup>6+</sup> ) RESULT (BY BOILING WATER EXTRACTION ON METAL) (mg/kg WITH 50cm <sup>2</sup> )#	ND

REMARK:

mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE = ppm  
 mg/kg WITH 50cm<sup>2</sup> = MILLIGRAM PER KILOGRAM WITH 50 SQUARE CENTIMETER  
 ND = NOT DETECTED

(B) RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT  
 2005/618/EC FOR HOMOGENEOUS MATERIAL.

\*\*\*\*\*

TO BE CONTINUED

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**TEST REPORT**

NUMBER: WUX0609646

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02mg/kg with 50cm <sup>2</sup> (IN TESTING SOLUTION)

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED: AUG 6, 2008

TESTING PERIOD: AUG 6, 2008 TO AUG 8, 2008

\*\*\*\*\*

TO BE CONTINUED

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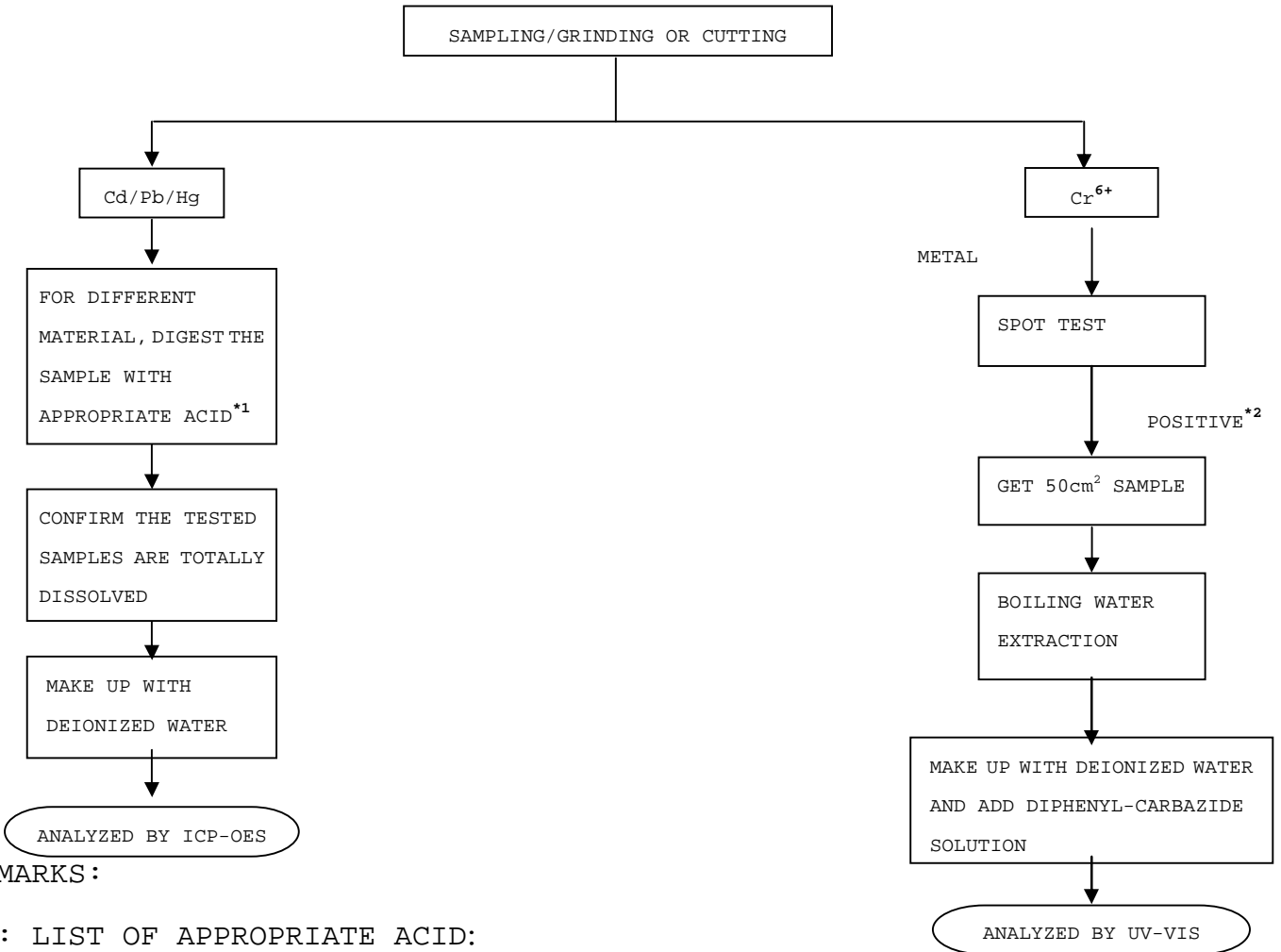
**TEST REPORT**

NUMBER: WUX0609646

MEASUREMENT FLOWCHART:

TEST FOR Cd/Pb/Hg/CHROMIUM (VI) CONTENTS

REFERENCE STANDARD: IEC 62321 (111/95/CDV)



REMARKS:

\*1: LIST OF APPROPRIATE ACID:

MATERIAL	1 ACID ADDED FOR DIGESTION
POLYMERS	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
METALS	HNO <sub>3</sub> , HCl, HF
ELECTRONICS	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

\*2: IF THE RESULT OF SPOT TEST IS POSITIVE, CHROMIUM VI WOULD BE DETERMINED AS DETECTED.

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

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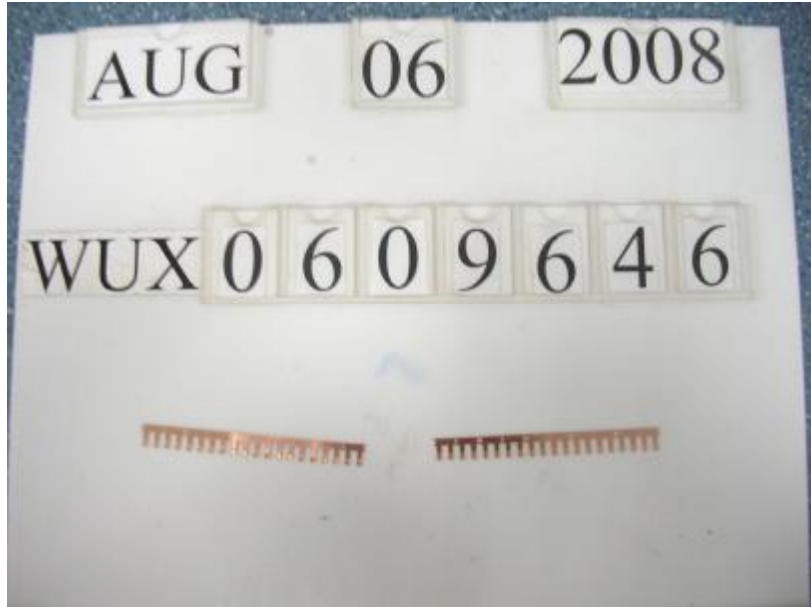
Attention is drawn to the terms and conditions printed overleaf.



TEST REPORT

NUMBER: WUX0609646

PHOTO



\*\*\*\*\*

END OF REPORT

**Intertek Testing Services Wuxi Ltd.**

No.8 Fubai Road, Xishan Economic Development Zone,  
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Attention is drawn to the terms and conditions printed overleaf.



**TEST REPORT**

NUMBER: WUX0609634

APPLICANT: CONCORD SEMICONDUCTOR(WUXI) CO., LTD. DATE: AUG 12,2008  
EAST 1#, ZHENFA 6 ROAD, SHUOFANG  
INDUSTRIAL PARK WUXI NATIONAL HIGH-TECH  
DEVELOPMENT ZONE, WUXI, JIANGSU  
ATTN: ZHANG XIAOPENG

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **GRAY PASTE**.  
ITEM NAME: SOLDER PASTE.  
ELEMENT: Pb:Sn:Ag=92.5:5:2.5.  
VENDOR: CURIE INTERNATIONAL CO., LIMITED.

\*\*\*\*\*

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

\*\*\*\*\*

TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
WUXI LTD.

JESSICA LU  
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**Attention is drawn to the terms and conditions printed overleaf.**



**TEST REPORT**

NUMBER: WUX0609634

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT
CADMIUM (Cd) CONTENT (mg/kg)	ND
LEAD (Pb) CONTENT (mg/kg)	799400
MERCURY (Hg) CONTENT (mg/kg)	ND
CHROMIUM (VI) (Cr <sup>6+</sup> ) RESULT (BY BOILING WATER EXTRACTION ON METAL) (mg/kg WITH 50cm <sup>2</sup> )#	ND

REMARK:

mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE = ppm  
 mg/kg WITH 50cm<sup>2</sup> = MILLIGRAM PER KILOGRAM WITH 50 SQUARE CENTIMETER  
 ND = NOT DETECTED  
 # = THE RESULT IS FOR REFERENCE ONLY

(B) ROHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT  
 2005/618/EC FOR HOMOGENEOUS MATERIAL.

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

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**TEST REPORT**

NUMBER: WUX0609634

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02mg/kg with 50cm <sup>2</sup> (IN TESTING SOLUTION)

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED: AUG 6, 2008

TESTING PERIOD: AUG 6, 2008 TO AUG 12, 2008

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

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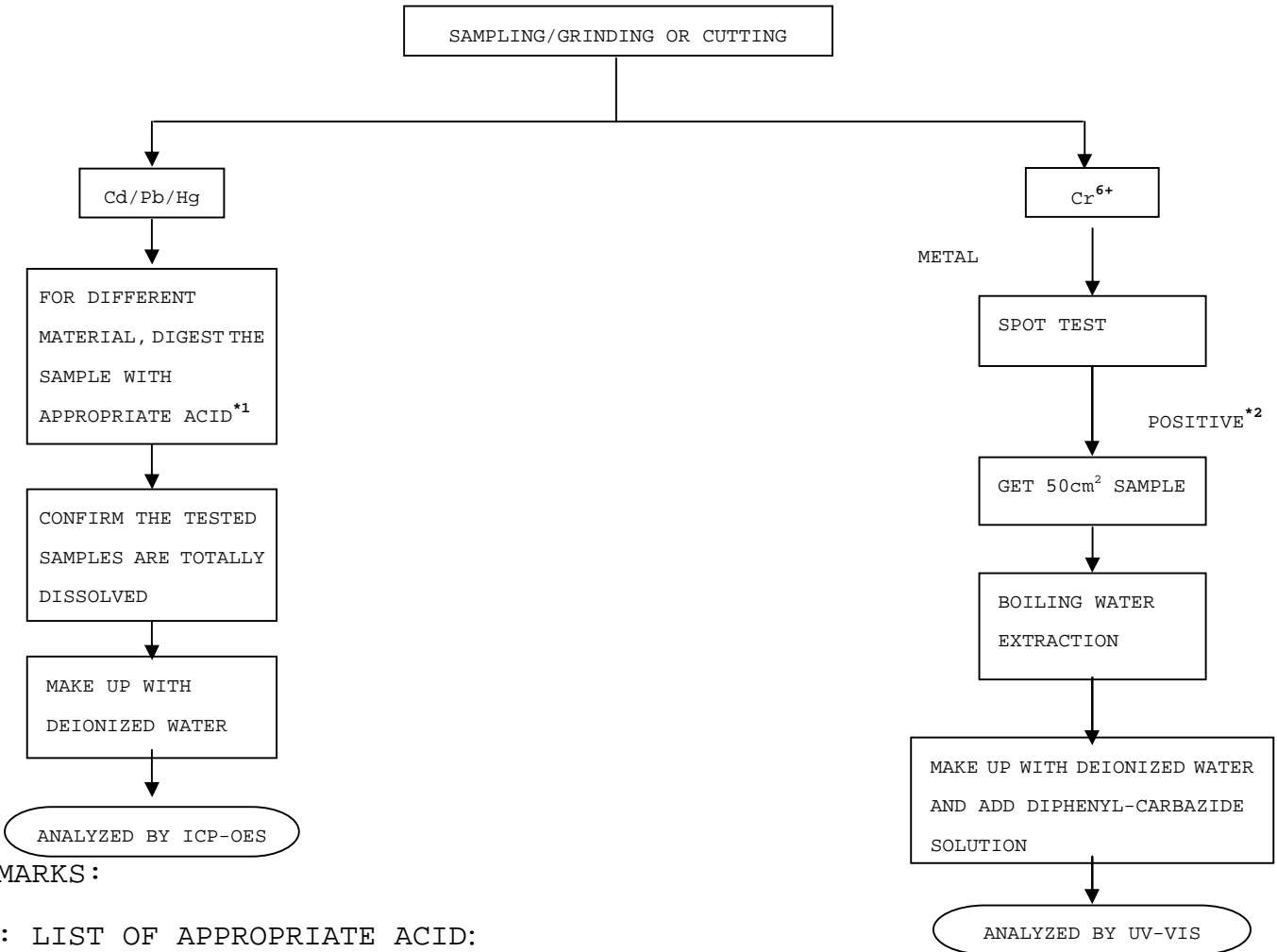
**TEST REPORT**

NUMBER: WUX0609634

MEASUREMENT FLOWCHART:

TEST FOR Cd/Pb/Hg/CHROMIUM (VI) CONTENTS

REFERENCE STANDARD: IEC 62321 (111/95/CDV)



REMARKS:

\*1: LIST OF APPROPRIATE ACID:

MATERIAL	1 ACID ADDED FOR DIGESTION
POLYMERS	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
METALS	HNO <sub>3</sub> , HCl, HF
ELECTRONICS	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

\*2: IF THE RESULT OF SPOT TEST IS POSITIVE, CHROMIUM VI WOULD BE DETERMINED AS DETECTED.

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

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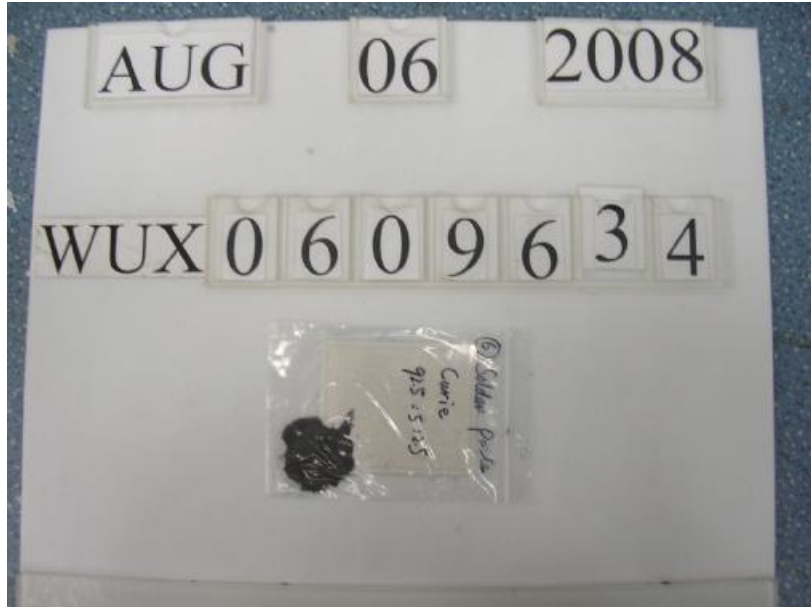
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Attention is drawn to the terms and conditions printed overleaf.

PHOTO



\*\*\*\*\*

END OF REPORT

**Intertek Testing Services Wuxi Ltd.**

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**TEST REPORT**

NUMBER: WUX0609653

APPLICANT: CONCORD SEMICONDUCTOR(WUXI) CO., LTD. DATE: AUG 12,2008  
EAST 1#, ZHENFA 6 ROAD, SHUOFANG  
INDUSTRIAL PARK WUXI NATIONAL HIGH-TECH  
DEVELOPMENT ZONE, WUXI, JIANGSU  
ATTN: ZHANG XIAOPENG

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **BLACK EPOXY**.  
ITEM NAME: EPOXY MOLDING COMPOUND.  
ELEMENT: EPOXY.  
VENDOR: SHANGHAI PINMORE TRADING CO.

\*\*\*\*\*

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

\*\*\*\*\*

SUMMARY:

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	WITH REFERENCE TO TEST METHOD OF IEC 62321 - 111/95/CDV AND MAXIMUM CONCENTRATION LIMITS QUOTED FROM ROHS DIRECTIVES 2002/95/EC AND AMENDMENT 2005/618/EC	PASS

\*\*\*\*\*

TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
WUXI LTD.

JESSICA LU  
GENERAL MANAGER

**Intertek Testing Services Wuxi Ltd.**

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**TEST REPORT**

NUMBER: WUX0609653

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT
CADMIUM (Cd) CONTENT (mg/kg)	ND
LEAD (Pb) CONTENT (mg/kg)	59
MERCURY (Hg) CONTENT (mg/kg)	ND
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (mg/kg) (FOR NON-METAL)	ND
POLYBROMINATED BIPHENYLS (PBBs) (mg/kg)	
MONOBROMO BIPHENYLS (MonoBB)	ND
DIBROMO BIPHENYLS (DiBB)	ND
TRIBROMO BIPHENYLS (TriBB)	ND
TETRABROMO BIPHENYLS (TetraBB)	ND
PENTABROMO BIPHENYLS (PentaBB)	ND
HEXABROMO BIPHENYLS (HexaBB)	ND
HEPTABROMO BIPHENYLS (HeptaBB)	ND
OCTABROMO BIPHENYLS (OctaBB)	ND
NONABROMO BIPHENYLS (NonaBB)	ND
DECABROMO BIPHENYL (DecaBB)	ND
POLYBROMINATED DIPHENYL ETHERS (PBDEs) (mg/kg)	
MONOBROMO DIPHENYL ETHERS (MonoBDE)	ND
DIBROMO DIPHENYL ETHERS (DiBDE)	ND
TRIBROMO DIPHENYL ETHERS (TriBDE)	ND
TETRABROMO DIPHENYL ETHERS (TetraBDE)	ND
PENTABROMO DIPHENYL ETHERS (PentaBDE)	ND
HEXABROMO DIPHENYL ETHERS (HexaBDE)	ND
HEPTABROMO DIPHENYL ETHERS (HeptaBDE)	ND
OCTABROMO DIPHENYL ETHERS (OctaBDE)	ND
NONABROMO DIPHENYL ETHERS (NonaBDE)	ND
DECABROMO DIPHENYL ETHER (DecaBDE)	ND

REMARK:

mg/kg = MILLIGRAM PER KILOGRAM = ppm

ND = NOT DETECTED

\*\*\*\*\*

TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

No.8 Fubei Road, Xishan Economic Development Zone,

Wuxi 214101, Jiangsu, China

**無錫天祥質量技術服務有限公司**

中國江蘇無錫錫山經濟開發區府北路8號 郵政編碼: 214101

Tel: +86 510 8821 4567 Fax: +86 510 8820 0428 E-mail: consumergoods.wuxi@intertek.com

Attention is drawn to the terms and conditions printed overleaf.



**TEST REPORT**

NUMBER: WUX0609653

(B) RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT 2005/618/EC FOR HOMOGENEOUS MATERIAL.

(c) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR NON-METAL)	WITH REFERENCE TO IEC 62321 111/95/CDV, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 mg/kg
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO IEC 62321 111/95/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY.	5 mg/kg

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED: AUG 6, 2008

TESTING PERIOD: AUG 6, 2008 TO AUG 11, 2008

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TO BE CONTINUED

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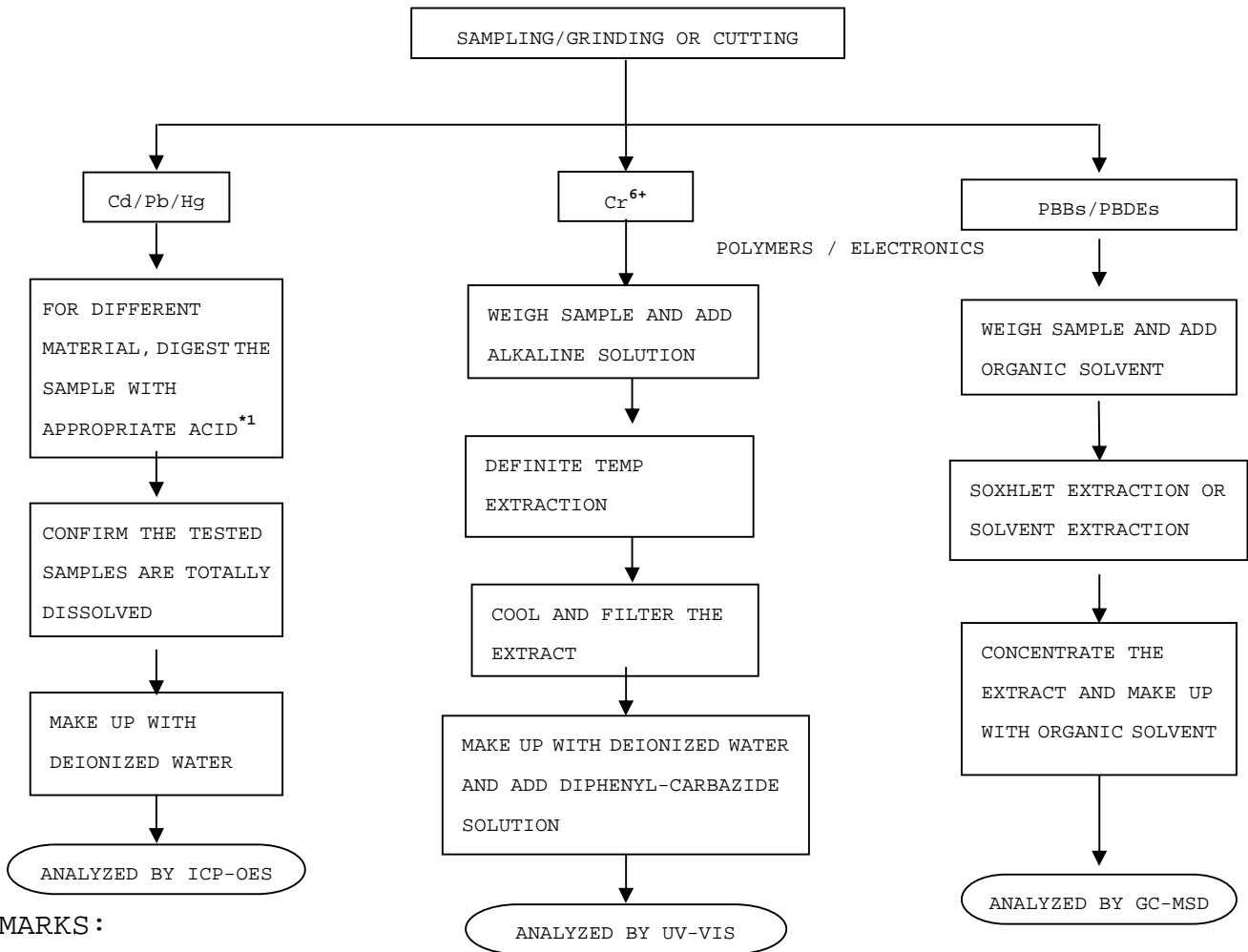
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**TEST REPORT**

NUMBER: WUX0609653

MEASUREMENT FLOWCHART:  
 TEST FOR Cd/Pb/Hg/CHROMIUM (VI)/PBBS/PBDES CONTENTS  
 REFERENCE STANDARD: IEC 62321 (111/95/CDV)



REMARKS :

\*1: LIST OF APPROPRIATE ACID:

MATERIAL	1 ACID ADDED FOR DIGESTION
POLYMERS	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
METALS	HNO <sub>3</sub> , HCl, HF
ELECTRONICS	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

\*2: IF THE RESULT OF SPOT TEST IS POSITIVE, CHROMIUM VI WOULD BE DETERMINED AS DETECTED.

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TO BE CONTINUED

**Intertek Testing Services Wuxi Ltd.**

No.8 Fubei Road, Xishan Economic Development Zone,

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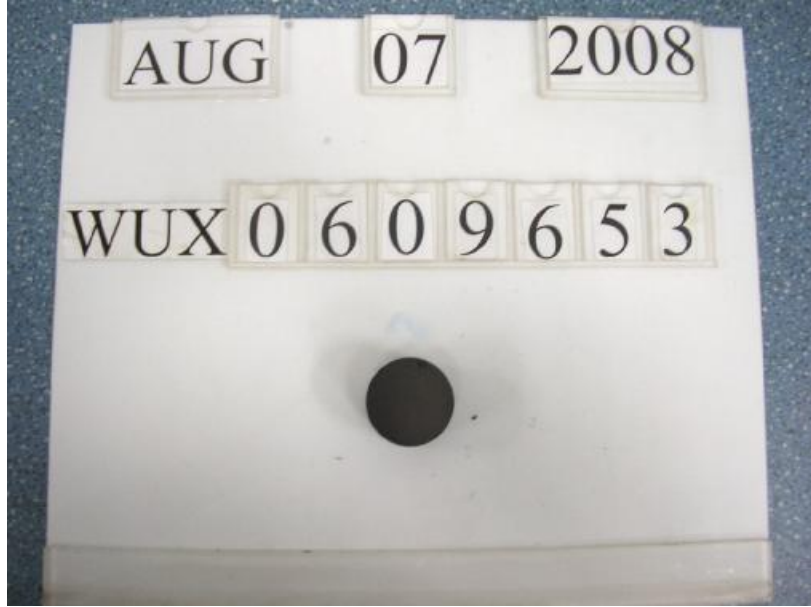
無錫天祥質量技術服務有限公司

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PHOTO



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END OF REPORT

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**TEST REPORT**

NUMBER: WUX0609649

APPLICANT: CONCORD SEMICONDUCTOR(WUXI) CO., LTD. DATE: AUG 12,2008  
EAST 1#, ZHENFA 6 ROAD, SHUOFANG  
INDUSTRIAL PARK WUXI NATIONAL HIGH-TECH  
DEVELOPMENT ZONE, WUXI, JIANGSU  
ATTN: ZHANG XIAOPENG

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **SILVER METAL.**  
ITEM NAME: LEAD WITH Sn PLATING.  
ELEMENT: Sn PLATING.  
VENDOR: ANZHEN PLATING.  
TESTED COMPONENT: PLATING OF PIN.

\*\*\*\*\*

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

\*\*\*\*\*

TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
WUXI LTD.

JESSICA LU  
GENERAL MANAGER

**Intertek Testing Services Wuxi Ltd.**

No.8 Fubei Road, Xishan Economic Development Zone,  
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**TEST REPORT**

NUMBER: WUX0609649

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT
CADMIUM (Cd) CONTENT (mg/kg) /PLATING	ND
LEAD (Pb) CONTENT (mg/kg) /PLATING	36
MERCURY (Hg) CONTENT (mg/kg) /PLATING	ND
CHROMIUM (VI) (Cr <sup>6+</sup> ) RESULT (BY BOILING WATER EXTRACTION ON METAL) (mg/kg WITH 50cm <sup>2</sup> )#	ND

REMARK:

mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE = ppm

mg/kg WITH 50cm<sup>2</sup> = MILLIGRAM PER KILOGRAM WITH 50 SQUARE CENTIMETER

ND = NOT DETECTED

# = THE RESULT IS FOR REFERENCE ONLY

(B) ROHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT 2005/618/EC FOR HOMOGENEOUS MATERIAL.

\*\*\*\*\*

TO BE CONTINUED

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**TEST REPORT**

NUMBER: WUX0609649

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02mg/kg with 50cm <sup>2</sup> (IN TESTING SOLUTION)

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED: AUG 6, 2008

TESTING PERIOD: AUG 6, 2008 TO AUG 11, 2008

\*\*\*\*\*

TO BE CONTINUED

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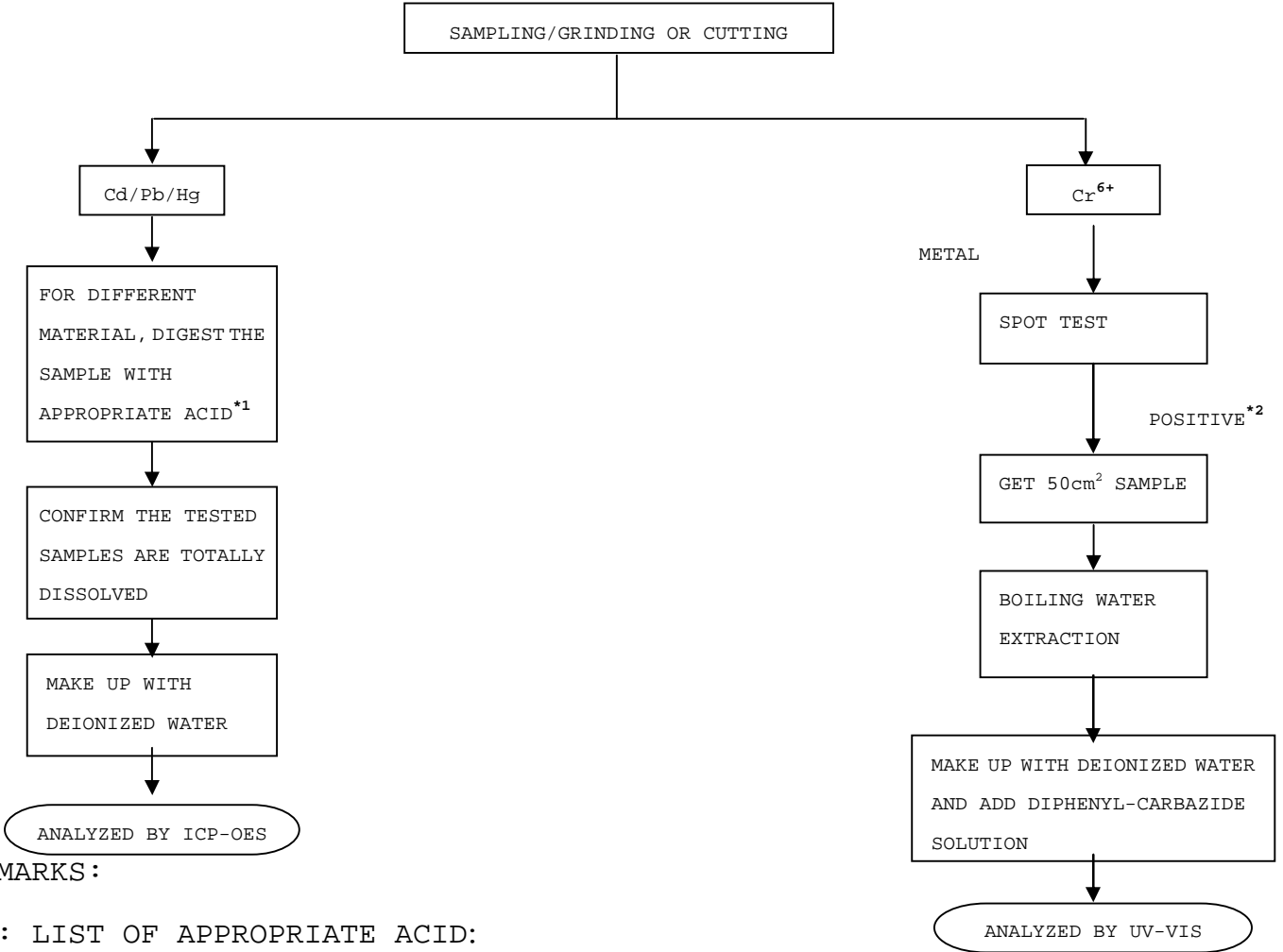
**TEST REPORT**

NUMBER: WUX0609649

MEASUREMENT FLOWCHART:

TEST FOR Cd/Pb/Hg/CHROMIUM (VI) CONTENTS

REFERENCE STANDARD: IEC 62321 (111/95/CDV)



REMARKS:

\*1: LIST OF APPROPRIATE ACID:

MATERIAL	1 ACID ADDED FOR DIGESTION
POLYMERS	HNO <sub>3</sub> , HCl, HF, H <sub>2</sub> O <sub>2</sub> , H <sub>3</sub> BO <sub>3</sub>
METALS	HNO <sub>3</sub> , HCl, HF
ELECTRONICS	HNO <sub>3</sub> , HCl, H <sub>2</sub> O <sub>2</sub> , HBF <sub>4</sub>

\*2: IF THE RESULT OF SPOT TEST IS POSITIVE, CHROMIUM VI WOULD BE DETERMINED AS DETECTED.

\*\*\*\*\*

TO BE CONTINUED

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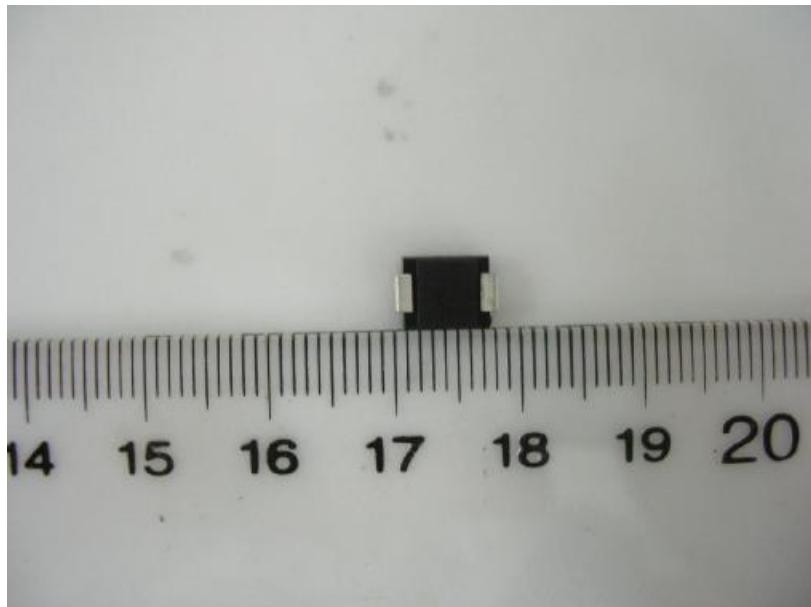
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PHOTO



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