Reference: ICP Analysis Note
Date of Issue: 17 December 2008

SOT23ep/SOT23-6ep/SOT23F ICP Analysis Note

The appended ICP Analysis reports demonstrate compliance with EC directives 2002/95/EC (Restriction of the use of certain hazardous substances "RoHS") and the 24th amendment to 76/769/EEC (Restrictions on the marketing and use of certain dangerous substances and preparations).

This analysis was performed to independently verify that the content of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PDBE) present is within the permitted levels set.

Note: This report is a composite of the reports for the individual, homogenous parts of the product. The table below is a summary of the data in the following pages.

Zetex makes no warranty, representation or guarantee regarding the suitability of this information or other data provided by Zetex on environmentally hazardous substances, nor does Zetex assume any liability arising from the use of this information and specifically disclaims any and all consequential and incidental damages.

K.Clithero
Group Quality Manager

RoHS Substance	Result (ppm)
Lead	15
Mercury	Not detected
Cadmium	Not detected
Hexavalent Chromium	Not detected
Polybrominated Biphenyls (PBB)	Not detected
Polybrominated Diphenyl Ethers (PDBE)	Not detected

This publication is issued to provide outline information only which (unless agreed by the Company in writing) may not be used, applied or reproduced for any purpose or form part of any order or contract or be regarded as a representation relating to the products or services concerned. The Company reserves the right to alter without notice the specification, design, price or conditions of supply of any product or service.

Sales offices

The Americas
3050 E. Hillcrest Drive
Westlake Village,
CA 91362-3154
Tel: (+1) 805 446 4800
Fax: (+1) 805 446 4850

Europe
Kustermannpark
Balanstraße 59,
D-81541 München
Germany
Tel: (+49) 894 549 490
Fax: (+49) 894 549 4949

Taiwan
7F, No. 50,
Min Chuan Road
Hsin-Tien
Taipei, Taiwan
Tel: (+886) 289 146 000
Fax: (+886) 289 146 639

Shanghai
Rm. 606, No.1158
Changning Road
Shanghai, China
Tel: (+86) 215 241 4882
Fax (+86) 215 241 4891

Shenzhen
Room A1103-04,
ANLIAN Plaza, #4018
Jintian Road
Futian CBD,
Shenzhen, China
Tel: (+86) 755 882 849 88
Fax: (+86) 755 882 849 99

Korea
6 Floor, Changhwa B/D,
1005-5 Yeongtong-dong,
Yeongtong-gu, Suwon-si,
Gyeonggi-do,
Korea 443-813
Tel: (+82) 312 731 884
Fax: (+82) 312 731 885

Diodes Zetex products are distributed worldwide. For details, see http://www.zetex.com & http://www.diodes.com

© 2008 Diodes Zetex Semiconductors Limited

Signature Not Verified
For Question,
Please Contact with SGS
www.tw.sgs.com

Test Report

ZETEX SEMICONDUCTORS PLC
ZETEX TECHNOLOGY PARK, CHADDERTON, OLDHAM. OL9 9LL. UNITED KINGDOM

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

Sample Description	:	WAFER
Buyer/Order No.	:	65637
Sample Receiving Date	:	2008/04/30
Testing Period	:	2008/04/30 TO 2008/05/08

==========

Test Result(s) : Please refer to next page(s).

Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

ZETEX SEMICONDUCTORS PLC
ZETEX TECHNOLOGY PARK, CHADDERTON, OLDHAM. OL9 9LL. UNITED KINGDOM

Test Result(s)

PART NAME NO.1 : WAFER

Test Item (s):	Unit	Method	MDL	Result No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Cadmium by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Lead by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Mercury by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI) by alkaline extraction	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.	2	n.d.
Antimony (Sb)	mg/kg	With reference to US EPA Method 3050B for Antimony Content. Analysis was performed by ICP-AES.	2	n.d.
Halogen-Chlorine (Cl) (CAS No.: 007782-50-5)	mg/kg	With reference to BS EN 14582:2007. Analysis was performed by IC method for Chlorine content.	50	n.d.
Halogen-Bromine (Br) (CAS No.: 007726-95-6)	mg/kg	With reference to BS EN 14582:2007. Analysis was performed by IC method for Bromine content.	50	n.d.

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

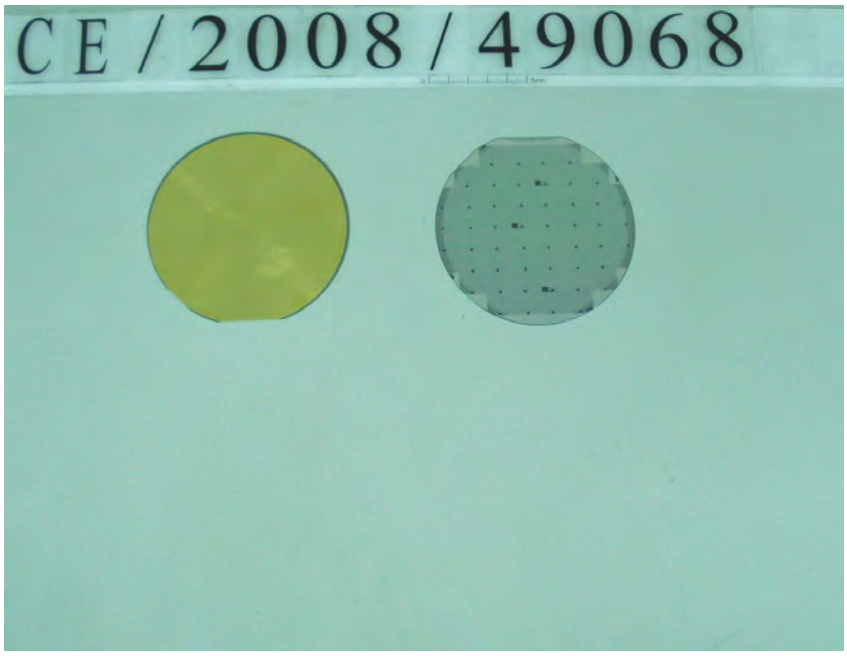
ZETEX SEMICONDUCTORS PLC
ZETEX TECHNOLOGY PARK, CHADDERTON, OLDHAM. OL9 9LL. UNITED KINGDOM

Test Item (s):	Unit	Method	MDL	Result No.1
Sum of PBBs	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of PBB and PBDE by GC/MS.	-	n.d.
Monobromobiphenyl			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.
Sum of PBDEs (Mono to Nona) (Note 4)			-	n.d.
Monobromodiphenyl 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.
Sum of PBDEs (Mono to Deca)			-	n.d.

Note : 1. mg/kg = ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. According to 2005/717/EC DecaBDE is exempt.
5. " - " = Not Regulated

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

ZETEX SEMICONDUCTORS PLC
ZETEX TECHNOLOGY PARK, CHADDERTON, OLDHAM. OL9 9LL. UNITED KINGDOM



** End of Report **

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

Signature Not Verified
Digitally Signed by
www.tw.sgs.com

Test Report

No. :KA/2008/10990A-01 Date: 2008/01/25 Page: 1 of 6

ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG

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

Sample Description	:	A194 ALLOY
Lot No.	:	080002
Style/Item No.	:	BROWN FOR Cu ALLOY
Color	:	COPPER
Sample Receiving Date	:	2008/01/15
Testing Period	:	2008/01/15 TO 2008/1/25

==========

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321, Ed.1 111/54/CDV Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products

:
(1) Determination of Cadmium by ICP-AES.
(2) Determination of Mercury by ICP-AES.
(3) Determination of Lead by ICP-AES.
(4) Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.
(5) Determination of PBB and PBDE by GC/MS.

Test Result(s) : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted samples, the result **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Katherine Ho / Supervisor
Signed for and on behalf of
SGS Taiwan Limited

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

Test Report

ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG

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

Test Item (s):	Method (Refer to)	Result No.1	MDL	RoHS Limit
Cadmium (Cd)	(1)	n.d.	2	100
Mercury (Hg)	(2)	n.d.	2	1000
Lead (Pb)	(3)	14.5	2	1000
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	See Note 5	#
Sum of PBBs	(5)	n.d.	-	1000
Monobromobiphenyl		n.d.	5	-
Dibromobiphenyl		n.d.	5	-
Tribromobiphenyl		n.d.	5	-
Tetrabromobiphenyl		n.d.	5	-
Pentabromobiphenyl		n.d.	5	-
Hexabromobiphenyl		n.d.	5	-
Heptabromobiphenyl		n.d.	5	-
Octabromobiphenyl		n.d.	5	-
Nonabromobiphenyl		n.d.	5	-
Decabromobiphenyl		n.d.	5	-
Sum of PBDEs (Mono to Nona)(Note 4)		n.d.	-	1000
Monobromobiphenyl ether		n.d.	5	-
Dibromobiphenyl ether		n.d.	5	-
Tribromobiphenyl ether		n.d.	5	-
Tetrabromobiphenyl ether		n.d.	5	-
Pentabromobiphenyl ether		n.d.	5	-
Hexabromobiphenyl ether		n.d.	5	-
Heptabromobiphenyl ether		n.d.	5	-
Octabromobiphenyl ether		n.d.	5	-
Nonabromobiphenyl ether		n.d.	5	-
Decabromobiphenyl ether		n.d.	5	-
Sum of PBDEs (Mono to Deca)		n.d.	-	-

TEST PART DESCRIPTION:

NO.1 : A194 ALLOY

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

Test Report

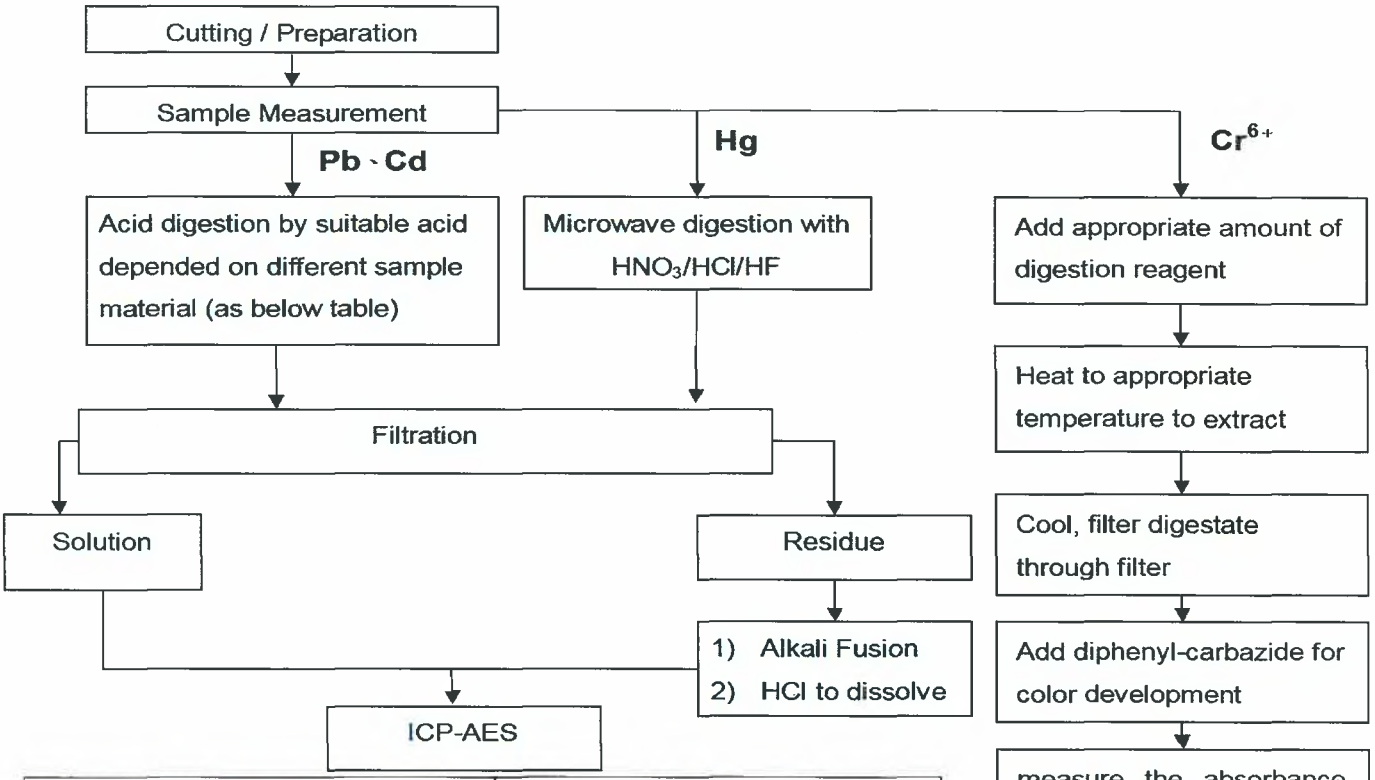
ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG

Note : 1. mg/kg = ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. According to 2005/717/EC DecaBDE is exempt.
5. Spot-test:
Negative = Absence of Cr(VI) coating / surface layer, Positive = Presence of Cr(VI) coating / surface
(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)
Boiling-water-extraction:
Negative = Absence of Cr(VI) coating / surface layer,
Positive = Presence of Cr(VI) coating / surface layer the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm^2 sample surface area.
6. # : Positive indicates the presence of Hexavalent Chromium on the tested areas and result be regarded as not comply with RoHS requirement.
Negative indicates the absence of Hexavalent Chromium on the tested areas and result be regarded as comply with RoHS requirement.
7. " - " = Not Regulated

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
（Cr6+ test method excluded）
2) Name of the person who made measurement: Hungming Li
3) Name of the person in charge of measurement: George Huang

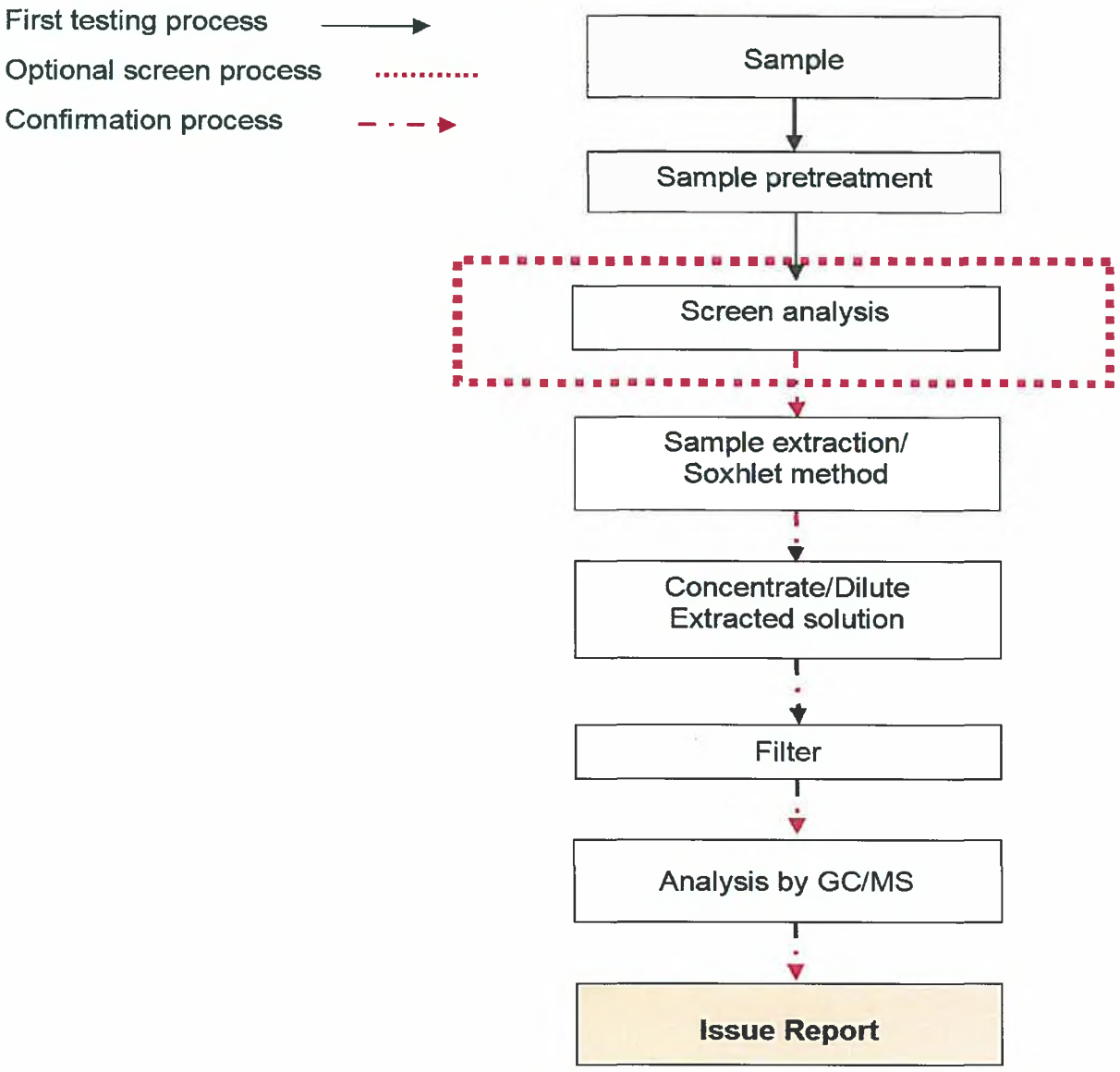


Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO_3, HCl, HF, H_2O_2
Glass	HNO_3/HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO_3
Plastic	H_2SO_4, H_2O_2, HNO_3, HCl
Others	Any acid to total digestion

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG

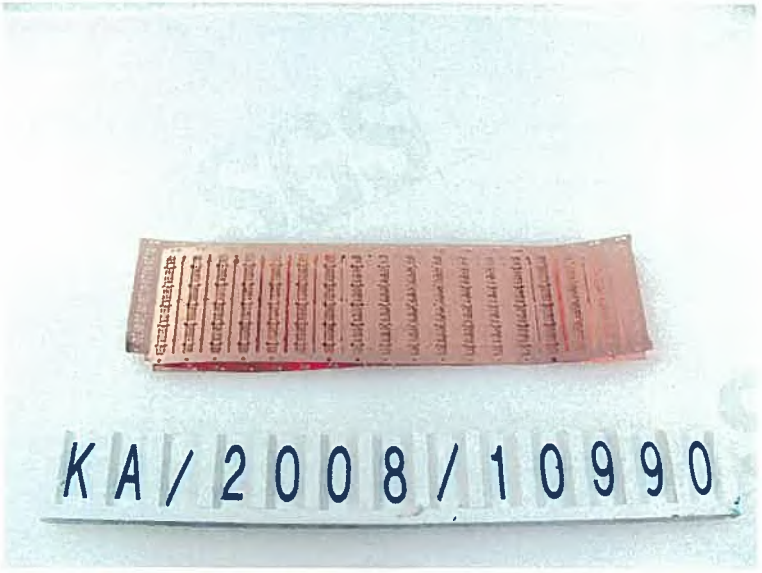
PBB/PBDE analytical FLOW CHART



This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

Test Report

ASM HK
4F, WATSON CENTRE, 16 KUNG YIP ST., KWAI CHUNG, HONG KONG



** End of Report **

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No. 208, Chung Hwa 2nd Road San Min District Kaohsiung, Taiwan. /高雄市三民區中華二路208號
t (886-7) 323-0920 f (886-7) 315-7484 www.tw.sgs.com
Member of SGS Group

Test Report

No. SH8050865/CHEM Date: Apr. 16, 2008

HERAEUS ZHAOYUAN PRECIOU METAL MATERIALS CO., LTD/ HERAEUS ZHAOYUAN (CHANGSHU) ELECTRONIC MATERIAL CO., LTD
NO.238 LINGLONG ROAD, ZHAOYUAN SHANGDONG/ NO.248 HUANGHE ROAD CHANGSHU, JIANGSU

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

Sample Name : GOLD BONDING WIRE HD
SGS Ref No. : 10960194
Main Substance : GOLD

Sample Receiving Date : Apr.15, 2008
Testing Period : Apr.15 – 16, 2008

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321/2nd CDV (111/95/CDV)
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
(1) Determination of Cadmium by ICP.
(2) Determination of Lead by ICP
(3) Determination of Mercury by ICP.
(4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method.
(5) Determination of PBBs and PBDEs by GC/MS.

Test Results : Please refer to next pages

Conclusion : Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

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

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by spot test / boiling-water extraction	(4)	Negative	See Note (5)	#
Sum of PBBs	(5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs (Note 4)		ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDEs (Mono to Deca)		ND	-	-

Test Part Description:
1. Golden metal thread

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

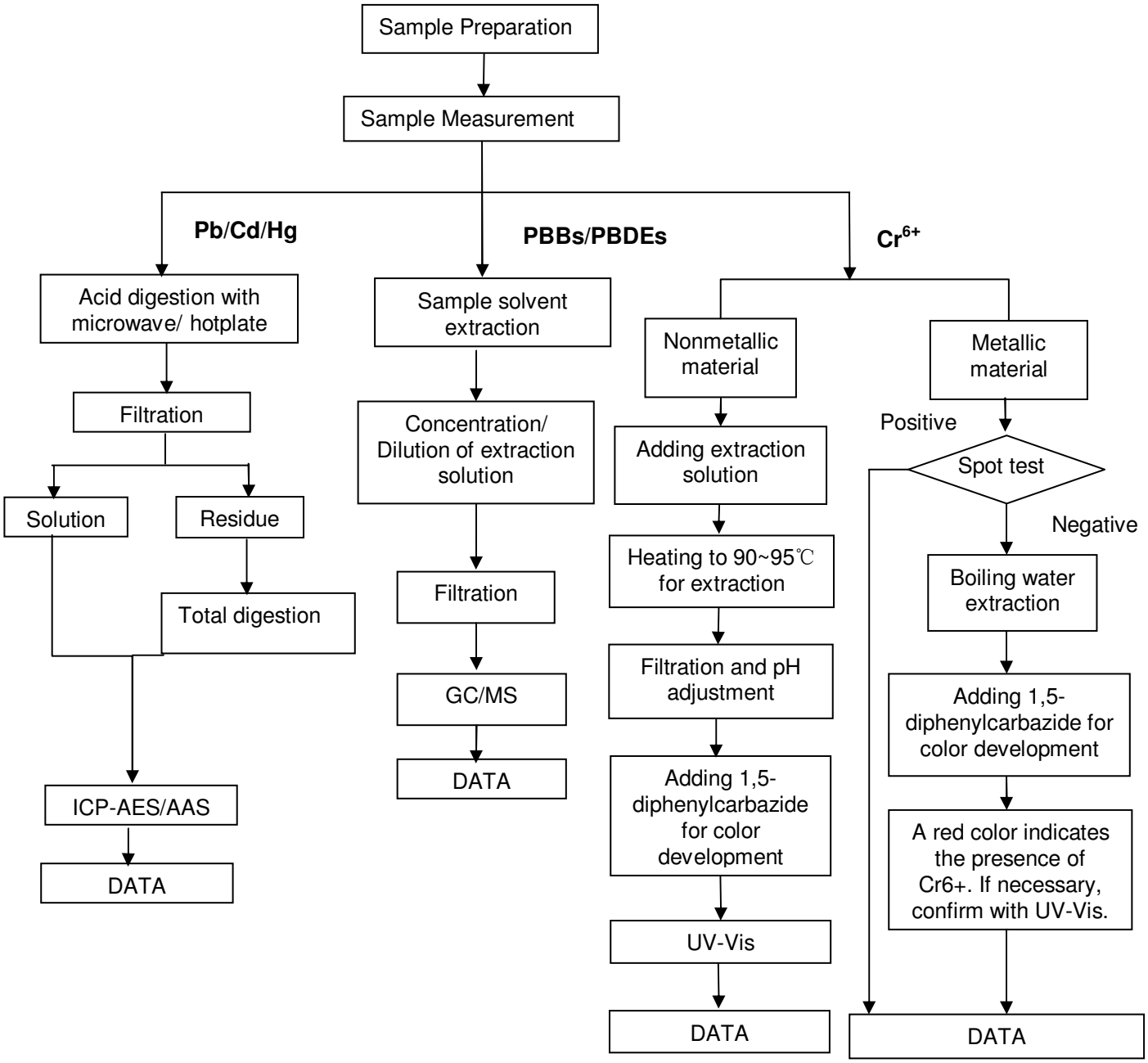
Note:

(1) mg/kg = ppm
(2) ND = Not Detected
(3) MDL = Method Detection Limit
(4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
(5) Spot-test:
Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;
(The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)
Boiling-water-extraction:
Negative = Absence of CrVI coating
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm^2 sample surface area.
(6) # = Positive indicates the presence of Hexavalent Chromium on the tested areas.
Negative indicates the absence of CrVI on the tested areas.
(7) "-" = Not Regulated
(8) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

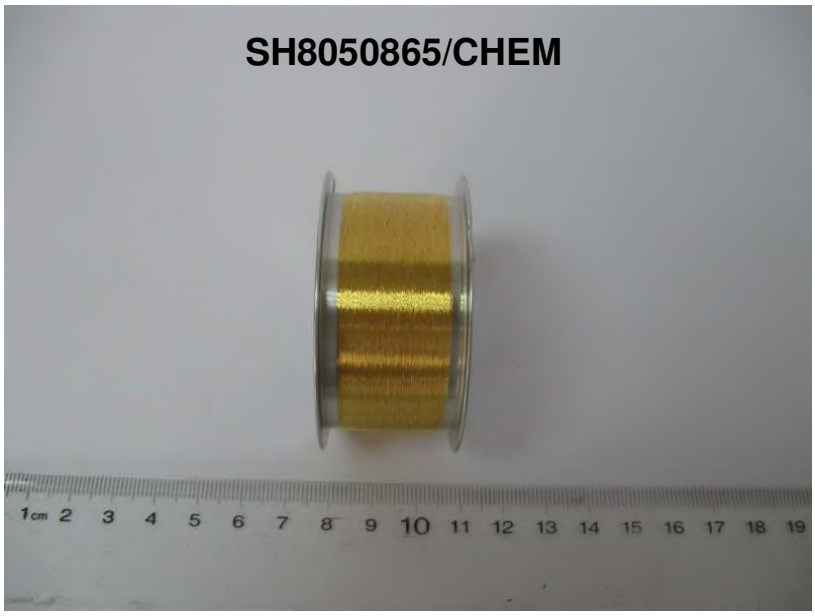
ATTACHMENTS

1) Name of the person who made measurement: Cathy Cai/George Xu/Diane Wang
2) Name of the person in charge of measurement: Terry Wang/Tracy Yue
3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)



The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

REPORT NO: LPCI/03265/08
SGS LABORATORY SERVICES (M) SDN BHD

1. DETERMINATION OF HEXAVALENT CHROMIUM BY METHOD US EPA 3060A/7196A

Sample Preparation
↓
Add colour-developing reagent
↓
Acidify with H_2SO_4
↓
Let stand for 5-10 min
↓
Analyses by UV- Spectrophotometer (540 nm)

2. MICROWAVE ASSISTED ACID DIGESTION OF ORGANICALLY BASED METRICES (US EPA 3051A)

Cut sample in small pieces
↓
Weight sample (0.2-0.5g) into digestion vessel
↓
Acid digestion (HNO_3) – Microwave
↓
"Totally Dissolved"
↓
Filtration
↓
Analyses by ICP

3. PLASTIC – DETERMINATION OF CADMIUM – WET DECOMPOSITION METHOD (EN 1122) – METHOD B

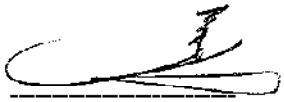
Cut sample in small pieces
↓
Weight sample (1.0g) into Kjeldahl flask
↓
Acid digestion (H_2SO_4)
↓
"Totally Dissolved"
↓
Filtration
↓
Analyses by ICP

4. DETERMINATION OF PBB/PBDE WITH GC-MS

Cut sample in small pieces
↓
Weight sample (2g) into extraction thimble
↓
Soxhlet Extraction with Toluene
↓
Filter through 0.45 um membrane filter
↓
Analyses by GC-MS (with appropriate dilution)

**** End of Report ****

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

No. SH8071893/CHEM Date: May. 26, 2008

SHANGHAI KAIHONG ELECTRONIC CO., LTD
NO.999 CHENCHUN ROAD, SONGJIANG DISTRICT, SHANGHAI, CHINA

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

Sample Name	: DIE ATTACHED ADHESIVE
SGS Ref No.	: 11036937-4
Part No.	: 84-1 LIMSR4
Material	: SILVER, RESIN
Supplier	: ABLESTIK
Sample Receiving Date	: May.22, 2008
Testing Period	: May.22 – 26, 2008
Test Requested	: In accordance with the RoHS Directive 2002/95/EC, and its amendment directives

Test Method : (1) With reference to IEC 62321/2nd CDV (111/95/CDV) for Cadmium content. Analysis was performed by ICP.
(2) With reference to IEC 62321/2nd CDV (111/95/CDV) for Lead content. Analysis was performed by ICP and AAS.
(3) With reference to IEC 62321/2nd CDV (111/95/CDV) for Mercury content. Analysis was performed by ICP.
(4) With reference to IEC 62321/2nd CDV (111/95/CDV) for Hexavalent Chromium by Colorimetric Method.
(5) With reference to IEC 62321/2nd CDV (111/95/CDV) for PBBs / PBDEs content. Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

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

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND	2	1000
Sum of PBBs		ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs (Note 4)	(5)	ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDEs (Mono to Deca)		ND	-	-

(Result shown is of the total weight of dried sample)

Test Part Description:

1. Grey mud

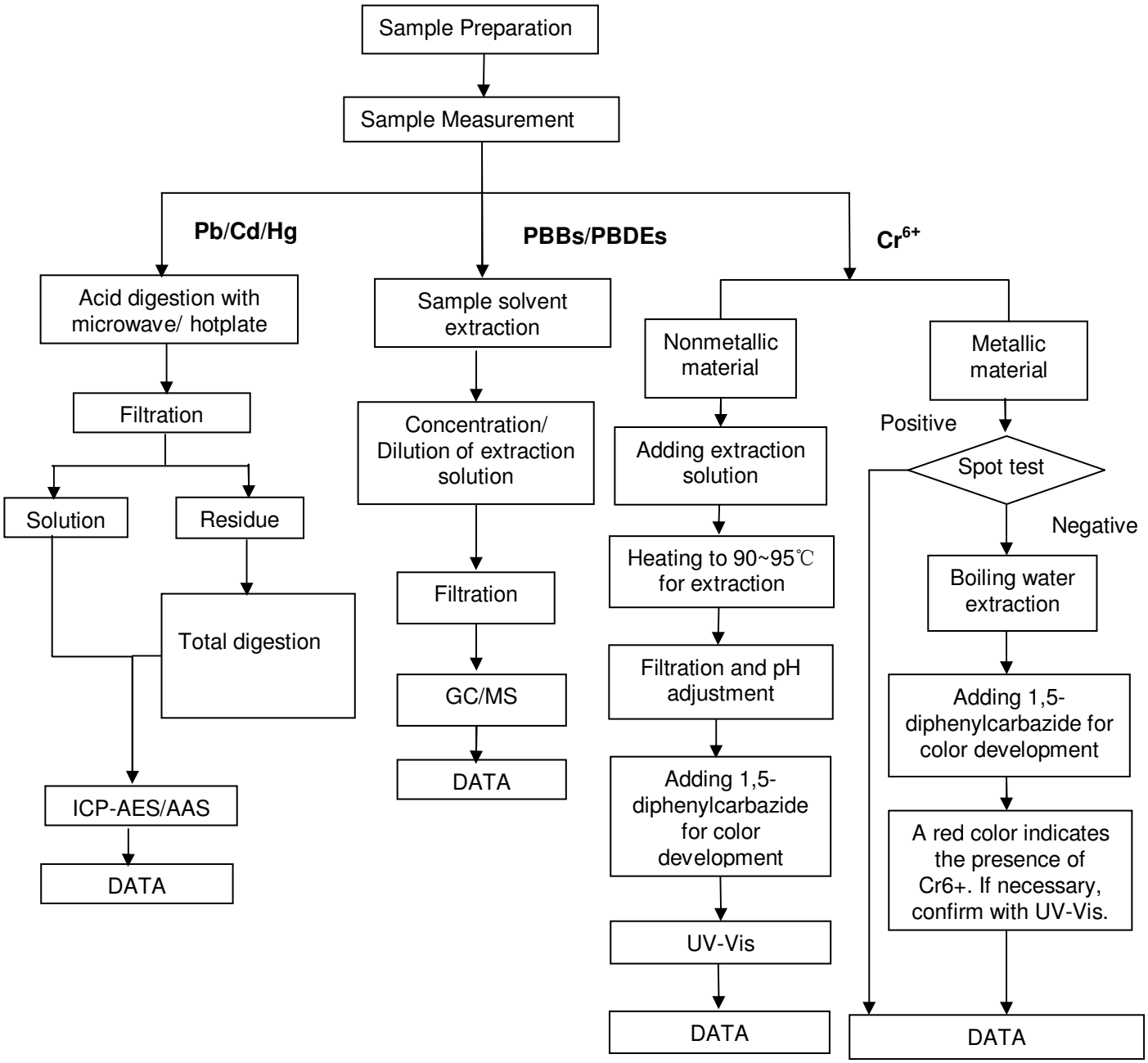
Note:

(1) mg/kg = ppm
(2) ND = Not Detected
(3) MDL = Method Detection Limit
(4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
(5) "-" = Not Regulated
(6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

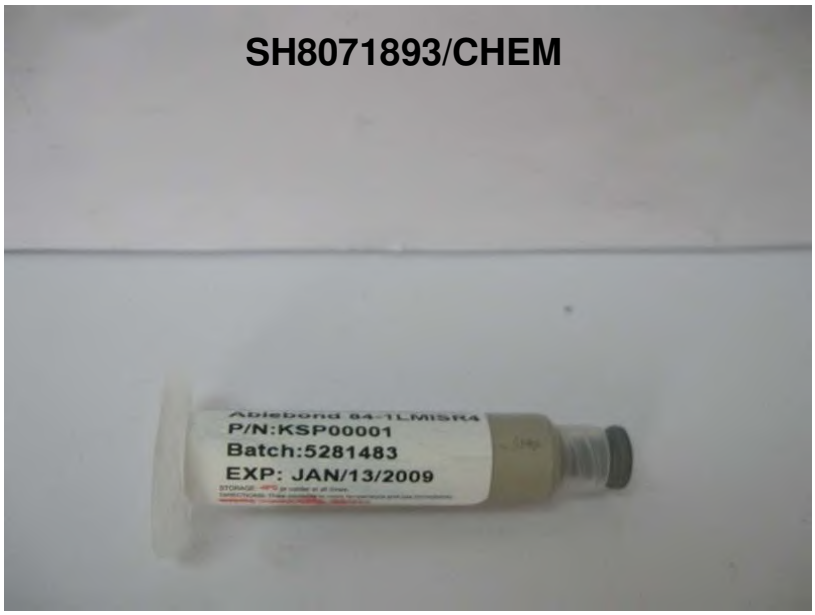
ATTACHMENTS

1) Name of the person who made measurement: Cathy Cai/George Xu/Diane Wang
2) Name of the person in charge of measurement: Terry Wang/Tracy Yue
3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)



The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

Test Report

REPORT NO. : **LPCI/14746/08**
CTS REF. : **CTS/08/3537/Nitto Denko**
DATE REPORTED : JULY 28, 2008
PAGE : 1 of 5

Nitto Denko Electronics (Malaysia) Sdn. Bhd.
No. 2, Persiaran Budiman, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.

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

Sample Description	:	MP-8000C Series
Sample Received	:	2008/07/22
Testing Date	:	2008/07/22 to 2008/07/28

Test Result : Please see the next page

Analysts : Lim Meng Hoe, Jocelyn Christmas

SGS LABORATORY SERVICES (M) SDN. BHD.

CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

REPORT NO. : **LPCI/14746/08**
CTS REF. : **CTS/08/3537/Nitto Denko**
DATE REPORTED : JULY 28, 2008
PAGE : 2 of 5

Company : **Nitto Denko Electronics (Malaysia) Sdn. Bhd.**
No. 2, Persiaran Budiman, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.

Test Result

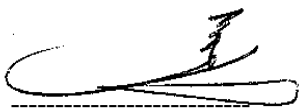
Sample Description : MP-8000C Series

Test Item (s) :	Unit	Method	Instrument	MDL	Results
Chromium VI (Cr6+)	ppm	IEC 62321, Ed1 (111 54 CDV) Annex C	UV Vis - Spectrophotometer	1	N.D.
Cadmium (Cd)	ppm	IEC 62321	ICP OES	1	N.D.
Mercury (Hg)	ppm	IEC 62321	ICP OES	1	N.D.
Lead (Pb)	ppm	IEC 62321	ICP OES	1	N.D.

NOTE: (a) N.D. = Not detected (<MDL)
(b) ppm = mg/kg
(c) MDL= Method Detection Limit

Analyst: Lim Meng Hoe

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at **http://www.sgs.com/terms_and_conditions.htm.** Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

REPORT NO. : **LPCI/14746/08**
CTS REF. : **CTS/08/3537/Nitto Denko**
DATE REPORTED : JULY 28, 2008
PAGE : 3 of 5

Company : **Nitto Denko Electronics (Malaysia) Sdn. Bhd.**
No. 2, Persiaran Budiman, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.

Test Result

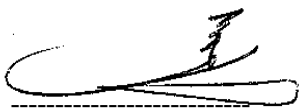
Sample Description : MP-8000C Series

Test Item (s) :	Unit	Method	Instrument	MDL	Result
PBBs (Polybrominated Biphenyls)					
Monobromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Dibromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Tribromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Tetrabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Pentabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Hexabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Heptabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Octabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Nonabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Decabromo Biphenyl	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
PBDEs (Polybrominated Diphenyl ethers)					
Monobromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Dibromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Tribromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Tetrabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Pentabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Hexabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Heptabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Octabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Nonabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.
Decabromo Diphenyl Ether	%	GCMS as per IEC 62321, Ed1 (111 54 CDV)	GCMS	0.0005	N.D.

NOTE: (a) N.D. = Not detected (<MDL)
(b) MDL = Method Detection Limit

Analyst: Jocelyn Christmas

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at **http://www.sgs.com/terms_and_conditions.htm.** Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

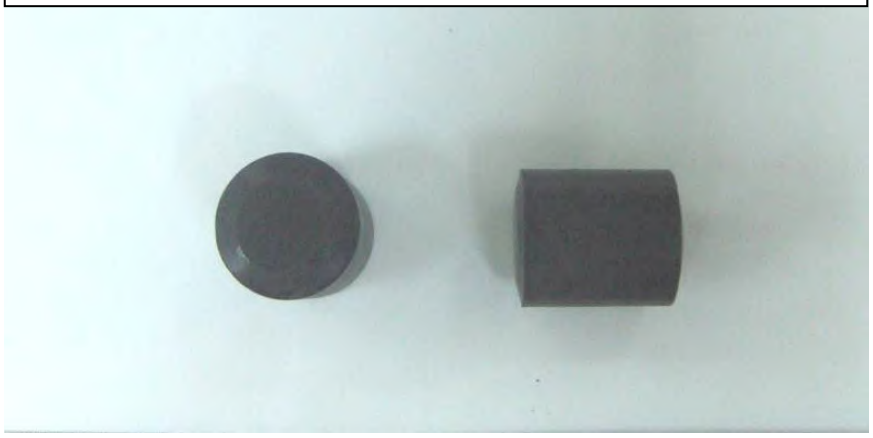
REPORT NO. : **LPCI/14746/08**
CTS REF. : **CTS/08/3537/Nitto Denko**
DATE REPORTED : JULY 28, 2008
PAGE : 4 of 5

Company : **Nitto Denko Electronics (Malaysia) Sdn. Bhd.**
No. 2, Persiaran Budiman, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.

Test Result

Sample Description : MP-8000C Series

NITTO DENKO ELECTRONICS (MALAYSIA) SDN. BHB.
LPCI/14746/08



SGS LABORATORY SERVICES (M) SDN. BHD.

CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at **http://www.sgs.com/terms_and_conditions.htm.** Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

REPORT NO. : **LPCI/14746/08**
CTS REF. : **CTS/08/3537/Nitto Denko**
DATE REPORTED : JULY 28, 2008
PAGE : 5 of 5

1. DETERMINATION OF HEXAVALENT CHROMIUM BY IEC 62321/2nd (111/95/CDV)

Sample Preparation
↓
Add colour-developing reagent
↓
Acidify with H_2SO_4
↓
Let stand for 5-10 min
↓
Analyses by UV- Spectrophotometer (540 nm)

2. DETERMINATION OF LEAD CONTENT BY IEC 62321/2nd (111/95/CDV)

Sample Receiving and Registration
↓
Cut sample in small pieces
↓
Weight sample (1.0g) into digestion vessel
↓
Wet digestion / Microwave digestion
↓
"Totally Dissolved"
↓
Filtration
↓
Analyses by ICP

3. DETERMINATION OF MERCURY CONTENT BY IEC 62321/2nd (111/95/CDV)

Sample Receiving and Registration
↓
Cut sample in small pieces
↓
Weight sample (0.5 - 1.0g) into digestion vessel
↓
Acid digestion (Microwave)
↓
"Totally Dissolved"
↓
Filtration
↓
Analyses by ICP

4. DETERMINATION OF CADMIUM CONTENT BY IEC 62321/2nd (111/95/CDV)

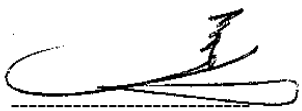
Sample Receiving and Registration
↓
Cut sample in small pieces
↓
Weight sample (1.0g)
↓
Acid digestion
↓
"Totally Dissolved"
↓
Filtration
↓
Analyses by ICP

5. DETERMINATION OF PBB/PBDE WITH GC-MS BY IEC 62321/2nd (111/95/CDV)

Cut sample in small pieces
↓
Weight sample (2g) into extraction thimble
↓
Soxhlet Extraction with Toluene
↓
Filter through 0.45 um membrane filter
↓
Analyses by GC-MS (with appropriate dilution)

**** End of Report ****

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN
B.Sc.(HONS) AMIC
LAB MANAGER

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at **http://www.sgs.com/terms_and_conditions.htm.** Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Test Report

No. SH8075804/CHEM Date: May. 31, 2008 Page 1 of 4

SHANGHAI YUANHAO SURFACE FINISHING CO., LTD.
NO.8, LANE18, SANZHUANG ROAD, SONGJIANG EXPORT PROCESSING ZONE, SHANGHAI

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

Sample Name	: MATTE TIN
SGS Ref No.	: 11051414
Main Substance	: PURE TIN
Sample Receiving Date	: May.28, 2008
Testing Period	: May.28 – 31, 2008
Test Requested	: In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test Method	: With reference to IEC 62321/2nd CDV (111/95/CDV) Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products (1) Determination of Cadmium by ICP. (2) Determination of Lead by ICP and AAS. (3) Determination of Mercury by ICP. (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method.
Test Results	: Please refer to next pages
Conclusion	: Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested . This document cannot be reproduced except in full, without prior approval of the Company.

3rd Building,No.889,Yishan Road,Shanghai,China 200233 tE&E:(86-21) 61402553 fE&E:(86-21) 64953679 www.cn.sgs.com
中国·上海·宜山路889号3号楼 邮编: 200233 HL:(86-21) 61402594 HL:(86-21) 54500353 e sgs.china@sgs.com

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

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by spot test / boiling-water extraction	(4)	Negative	See Note (4)	#

Test Part Description:

1. Silvery-white metal part

Note:

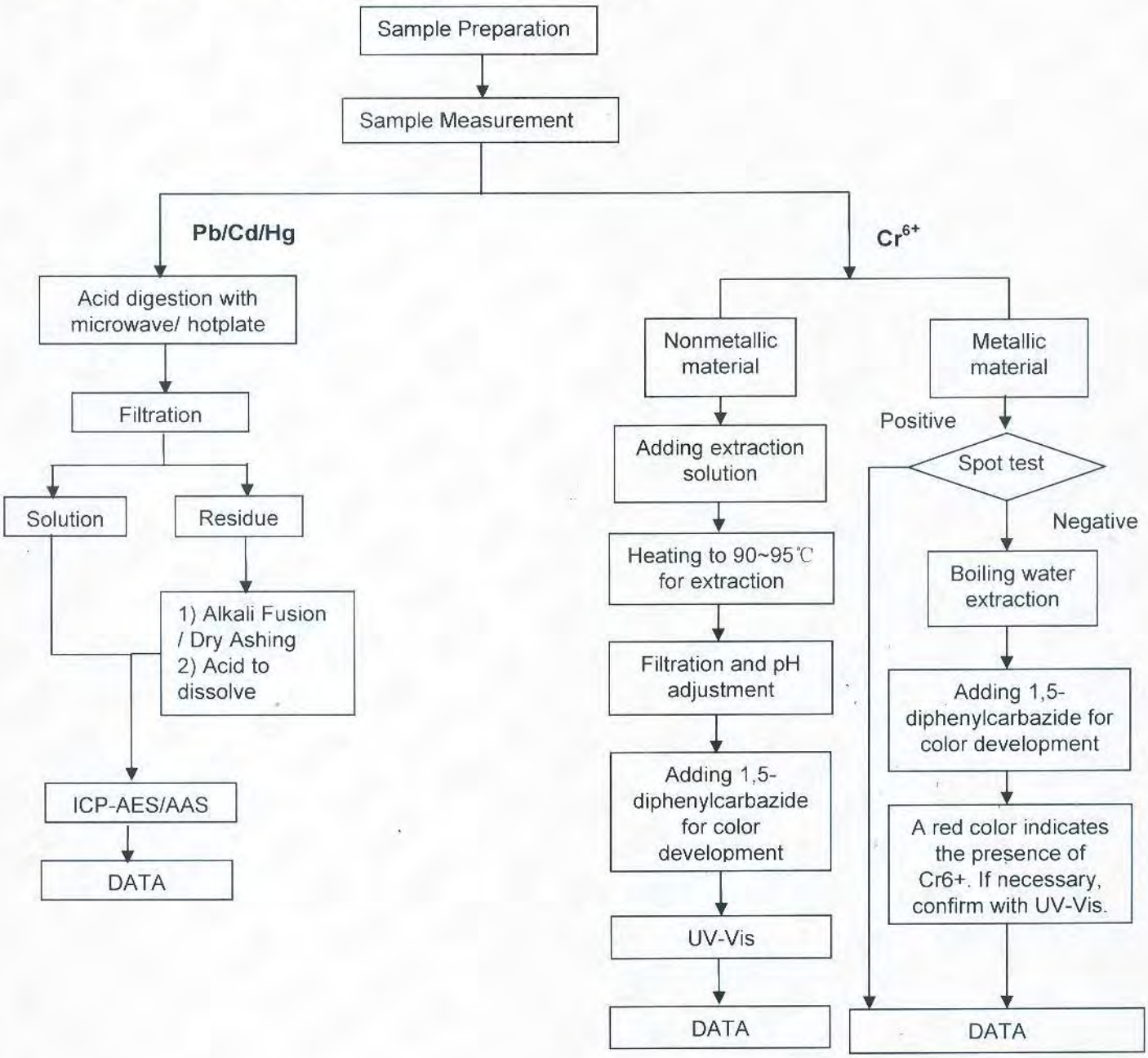
(1) mg/kg = ppm
(2) ND = Not Detected
(3) MDL = Method Detection Limit
(4) Spot-test:
Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;
(The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)
Boiling-water-extraction:
Negative = Absence of CrVI coating
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm^2 sample surface area.
(5) # = Positive indicates the presence of Hexavalent Chromium on the tested areas.
Negative indicates the absence of CrVI on the tested areas.
(6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested . This document cannot be reproduced except in full, without prior approval of the Company.

3rd Building,No.889,Yishan Road,Shanghai,China 200233 tE&E:(86-21) 61402553 fE&E:(86-21) 64953679 www.cn.sgs.com
中国·上海·宜山路889号3号楼 邮编: 200233 HL:(86-21) 61402594 HL:(86-21) 54500353 e sgs.china@sgs.com

ATTACHMENTS

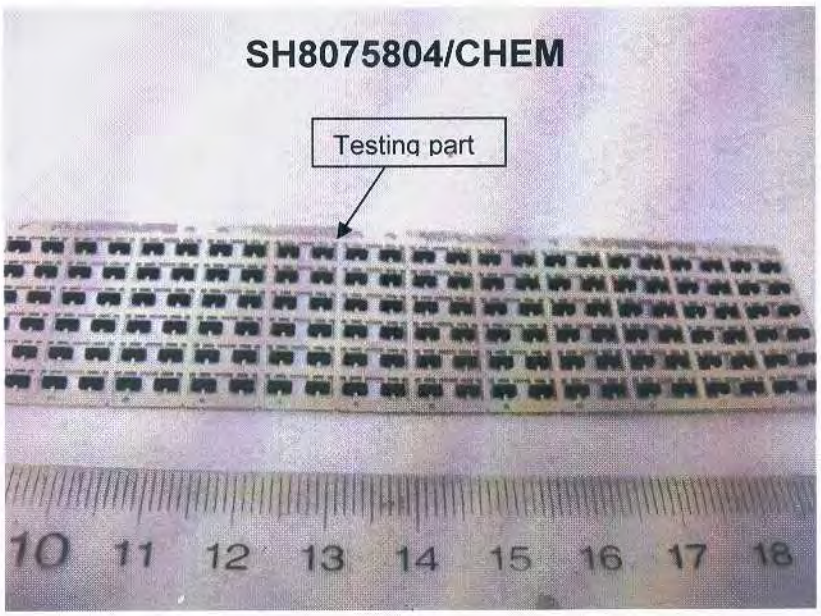
1) Name of the person who made measurement: Cathy Cai/George Xu
2) Name of the person in charge of measurement: Terry Wang



This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.

SGS-CSTC Standards Technical Services Co., Ltd.
Shanghai Standard Technical Services Laboratory
3rd Building,No.889,Yishan Road,Shanghai,China 200233
中国·上海·宜山路889号3号楼 邮编: 200233
tE&E:(86-21) 61402553 fE&E:(86-21) 64953679 www.cn.sgs.com
HL:(86-21) 61402594 HL:(86-21) 54500353 e sgs.china@sgs.com

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested . This document cannot be reproduced except in full, without prior approval of the Company.

SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch / SGS Testing Services Chemical Laboratory
3rd Building,No.889,Yishan Road,Shanghai,China 200233 tE&E:(86-21) 61402553 fE&E:(86-21) 64953679 www.cn.sgs.com
中国·上海·宜山路889号3号楼 邮编: 200233 HL:(86-21) 61402594 HL:(86-21) 54500353 e sgs.china@sgs.com