



Test Report

No. SHAEC0900503715 A01

Date: 11 Jan 2010

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SurTec hangzhou

NO.70 HONGTAI 5 LU,HONGKEN FARM,XIAOSHAN DISTRICT,HANGZHOU,CHINA

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SHAEC0900503715 DATE:2010/01/07

The following sample(s) was/were submitted and identified on behalf of the clients as : SurTec 650 CHROMITAL TCP

SGS Job No. : SP09-003247 - SH
Model No. : 104809C
Date of Sample Received : 31 Dec 2009
Testing Period : 31 Dec 2009 - 07 Jan 2010
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Hao Jinyu, Sandy
Lab Manager

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3rd Building, No.889, Yishan Road, Shanghai, China
中国·上海·宜山路889号3号楼

200233
邮编: 200233

T&E: (86-21) 61402553 F&E: (86-21) 64953679
HL: (86-21) 61402594 HL: (86-21) 54500353

www.cn.sgs.com
e sgs.china@sgs.com

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA09-005037.008	Green blue liquid

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive 2002/95/EC

Test Method : (1) With reference to IEC 62321:2008 for Cadmium content.

Analysis was performed by ICP-OES.

(2) With reference to IEC 62321:2008 for Lead content.

Analysis was performed by ICP-OES.

(3) With reference to IEC 62321:2008 for Mercury content.

Analysis was performed by ICP-OES.

(4) With reference to DIN 53314: 1996, analysis was performed by UV-Vis.

(5) With reference to IEC 62321:2008 for PBBs / PBDEs content.

Analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>008</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	3	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>008</u>
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND

Notes :

- (1) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (2) 4cm cell length was used

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TE&E:(86-21) 61402553

TEL: (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

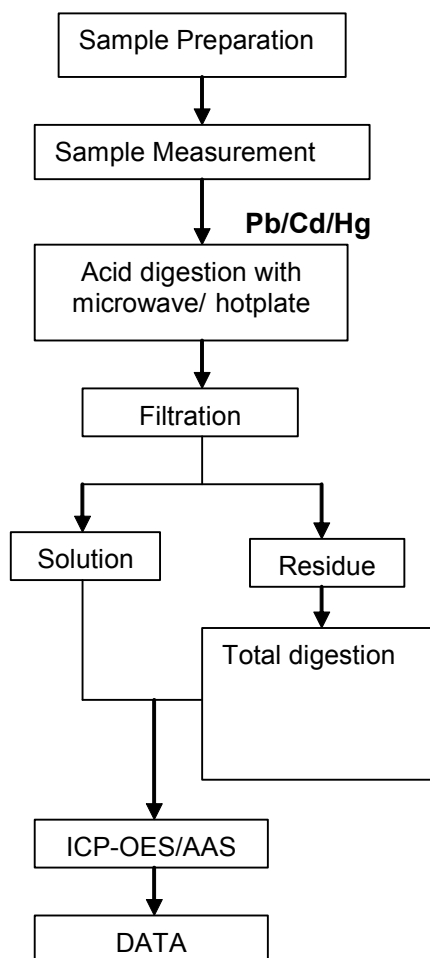
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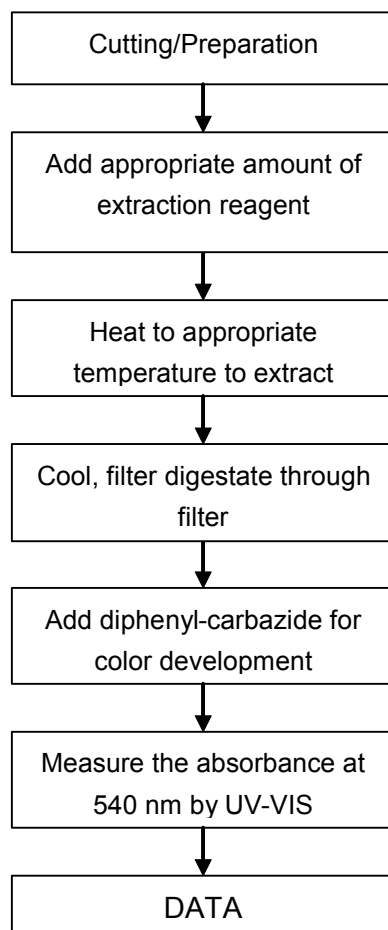
ATTACHMENTS

- 1) Name of the person who made measurement: Jeff Zhang
- 2) Name of the person in charge of measurement: Terry Wang
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart.



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CrVI Measurement Flowchart for sample



Tested by : Frank Fang

Checked by : Terry Wang

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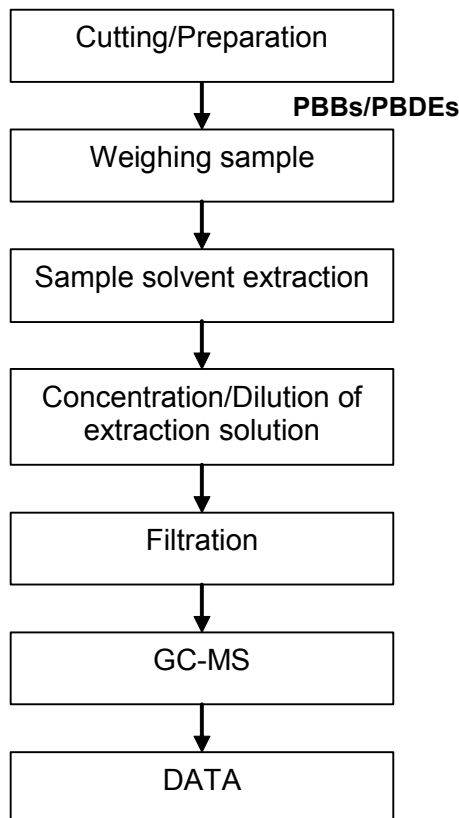
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- 1) Name of the person who made measurement: Elim Lin
- 2) Name of the person in charge of measurement: Phoebe Shen



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