

Test Report	No. : CE/2009/2019	8 Date : 2009/02/05	Page : 1 of 5				
SUMI-PAC CORPORATION NO. 15, INDUSTRIAL 5TH ROAD, HSIN-CHU ENLARGED INDUSTRIAL PARK, HSIN-CHU HSIEN, TAIWAN, R. O. C.							
The following sample(s) was/were submitted and identified by/on behalf of the client as :							
Sample Description	: HEAT SHRIN	IKABLE TUBING					
Style/Item No.	: SUMITUBE F	F32 / F34					
Sample Receiving Date	: 2009/02/02						
Testing Period	: 2009/02/02 T	O 2009/02/05					
Test Requested	: In accordanc	e with the RoHS Directive	e 2002/95/EC, and its amendment				

·	directives.
Test Method	: With reference to IEC 62321: 2008 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.
	 Determination of Cadmium by ICP-AES. Determination of Lead by ICP-AES. Determination of Mercury by ICP-AES. Determination of Hexavalent Chromium by UV/Vis Spectrometry. Determination of PBB and PBDE by GC/MS.
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

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. 除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。

This Test Report 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 sister defined therein. Any holder of this Test Report 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.



Test Report No. : CE/2009/20198 Date : 2009/02/05

Page: 2 of 5

SUMI-PAC CORPORATION

NO. 15, INDUSTRIAL 5TH ROAD, HSIN-CHU ENLARGED INDUSTRIAL PARK, HSIN-CHU HSIEN, TAIWAN, R. O. C.

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

Test Item (s):	Method	Result	MDL
rest item (s).	(Refer to)	No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2
Sum of PBBs		n.d.	-
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	(5)	n.d.	5
Sum of PBDEs	(3)	n.d.	-
Monobromodiphenyl ether		n.d.	5
Dibromodiphenyl ether		n.d.	5
Tribromodiphenyl ether		n.d.	5
Tetrabromodiphenyl ether		n.d.	5
Pentabromodiphenyl ether		n.d.	5
Hexabromodiphenyl ether		n.d.	5
Heptabromodiphenyl ether		n.d.	5
Octabromodiphenyl ether		n.d.	5
Nonabromodiphenyl ether		n.d.	5
Decabromodiphenyl ether		n.d.	5

TEST PART DESCRIPTION:

NO.1

BLACK PLASTIC TUBE WITH WHITE PRINTED 1

Note : 1. mg/kg = ppm; 0.1wt% = 1000ppm

- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. "-" = Not Regulated

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. 除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。

This Test Report 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 Test Report 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.

SGS Taiwan Ltd

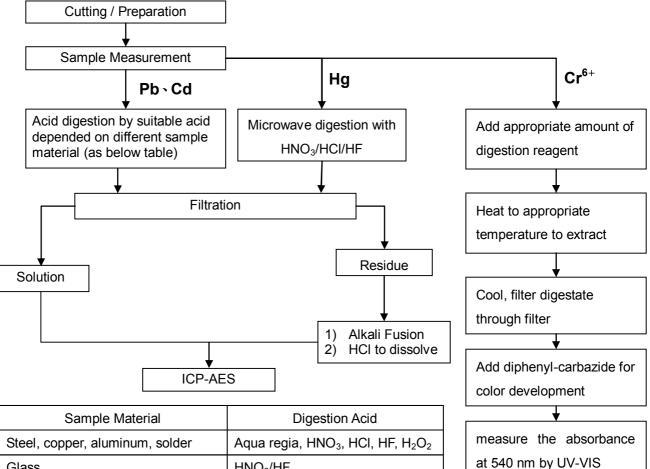


Test Report No. : CE/2009/20198 Date : 2009/02/05

Page: 3 of 5

SUMI-PAC CORPORATION NO. 15, INDUSTRIAL 5TH ROAD, HSIN-CHU ENLARGED INDUSTRIAL PARK, HSIN-CHU HSIEN, TAIWAN, R. O. C.

- 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: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



Steel, copper, aluminum, solder	Aqua regia, HNO_3 , HCI , HF , H_2O_2		
Glass	HNO₃/HF		
Gold, platinum, palladium, ceramic	Aqua regia		
Silver	HNO ₃		
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCI		
Others	Any acid to total digestion		

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. 除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。

This Test Report 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 Test Report 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.



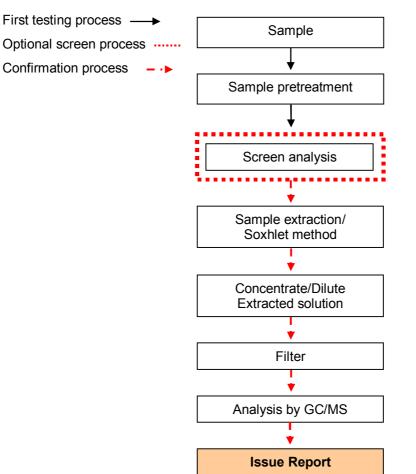
Test Report No. : CE/2009/20198 Date : 2009/02/05

Page: 4 of 5

SUMI-PAC CORPORATION NO. 15, INDUSTRIAL 5TH ROAD, HSIN-CHU ENLARGED INDUSTRIAL PARK, HSIN-CHU HSIEN, TAIWAN, R. O. C.

PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Roman Wong
- 2) Name of the person in charge of measurement: Shinjyh Chen



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. 除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。

This Test Report 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 Test Report 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 form 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.

SGS Taiwan Ltd.



Test Report No. : CE/2009/20198 Date : 2009/02/05 Page : 5 of 5

SUMI-PAC CORPORATION NO. 15, INDUSTRIAL 5TH ROAD, HSIN-CHU ENLARGED INDUSTRIAL PARK, HSIN-CHU HSIEN, TAIWAN, R. O. C.



** End of Report **

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. 除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。

This Test Report 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 Test Report 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 form 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.