



# INTERFLUX<sup>®</sup> SINGAPORE PTE LTD

2 Kallang Pudding Road, #04-12 Mactech Industrial Building, Singapore 349307

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URL : www.interflux.com.sg

## Material RoHS Compliance Declaration Sheet

**Delphine 5503/2**

The Company, Interflux<sup>®</sup> Singapore Pte Ltd, hereby guarantee that the product, specified in the product list below is RoHS compliant and that the substances listed below are not included in attachments, packages, and all the matters delivered with the materials, that are delivered to your company or your Subsidiary/associated companies directly or via third parties.

1. Lead / Lead Compounds
2. Cadmium / Cadmium Compounds
3. Mercury / Mercury Compounds
4. Hexavalent Chromium / Hexavalent Chromium Compounds
5. Polybrominated biphenyls (PBBs) ; flame retardants
6. Polybrominated diphenyl Ethers (PBDEs) ; flame retardants

### Product :

**Delphine 5503/2, SAC305 Solder Paste**

### Test report :

Ref Number : No. 10097615/07 (10)

by SGS Testing & Control Services Singapore Pte Ltd, see attachment (page 2 to 7)

Company : **Interflux Singapore Pte Ltd**

Signed by : **Wim Van Riet**

Signature :

Title : Director  
Regional Business Development

Date : 3<sup>rd</sup> October 2007



## Test Report

No. 10097615/07 (10)

Date: 14 August 2007

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Interflux Singapore Pte Ltd  
2 Kallang Pudding Road  
#04-12 Mactech Industrial Building  
Singapore 349307

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

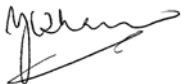
Sample Description : Delphine 5503/2, SAC305  
Sample Receiving Date : 08 August 2007  
Testing Period : 10 August 2007 to 14 August 2007  
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

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

Conclusion : Based on the performed tests on submitted samples, the results are **compliant with** the limits of RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



Y.C. Tham  
Laboratory Manager

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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**Test Result(s):**

Sample Description : Delphine 5503/2, SAC305

| Test Item(s):                             | Unit  | Method  | Results     | MDL | RoHS Limit |
|---|-------|---|-------------|-----|------------|
| Cadmium(Cd)                               | mg/kg | With reference to US EPA Method 3051A. Analysis was performed by ICP/AES.                     | n.d.        | 2   | 100        |
| Lead (Pb)                                 | mg/kg | With reference to US EPA Method 3051A. Analysis was performed by AAS.                         | 210.1       | 2   | 1000       |
| Mercury (Hg)                              | mg/kg | With reference to US EPA Method 3051A. Analysis was performed by ICP/AES.                     | n.d.        | 2   | 1000       |
| Hexavalent Chromium (CrVI)                | mg/kg | With reference to US EPA Method 3060A & 7196A. Analysis was performed by UV/Vis Spectrometry. | n.d.        | 2   | 1000       |
| <b>Sum of PBBs</b>                        | mg/kg |   | <b>n.d.</b> | -   | 1000       |
| Monobromobiphenyl                         | mg/kg |   | n.d.        | 5   | -          |
| Dibromobiphenyl                           | mg/kg |   | n.d.        | 5   | -          |
| Tribromobiphenyl                          | mg/kg |   | n.d.        | 5   | -          |
| Tetrabromobiphenyl                        | mg/kg |   | n.d.        | 5   | -          |
| Hexabromobiphenyl                         | mg/kg |   | n.d.        | 5   | -          |
| Pentabromobiphenyl                        | mg/kg |   | n.d.        | 5   | -          |
| Heptabromobiphenyl                        | mg/kg |   | n.d.        | 5   | -          |
| Octabromobiphenyl                         | mg/kg |   | n.d.        | 5   | -          |
| Nonabromobiphenyl                         | mg/kg |   | n.d.        | 5   | -          |
| Decabromobiphenyl                         | mg/kg |   | n.d.        | 5   | -          |
| <b>Sum of PBDE (Mono to Nona)(Note 4)</b> | mg/kg | With reference to EPA Method 3550C. Analysis was performed by GC/MS.                          | <b>n.d.</b> | -   | 1000       |
| Monobromodiphenyl ether                   | mg/kg |   | n.d.        | 5   | -          |
| Dibromodiphenyl ether                     | mg/kg |   | n.d.        | 5   | -          |
| Tribromodiphenyl ether                    | mg/kg |   | n.d.        | 5   | -          |
| Tetrabromodiphenyl ether                  | mg/kg |   | n.d.        | 5   | -          |
| Pentabromodiphenyl ether                  | mg/kg |   | n.d.        | 5   | -          |
| Hexabromodiphenyl ether                   | mg/kg |   | n.d.        | 5   | -          |
| Heptabromodiphenyl ether                  | mg/kg |   | n.d.        | 5   | -          |
| Octabromodiphenyl ether                   | mg/kg |   | n.d.        | 5   | -          |
| Nonabromodiphenyl ether                   | mg/kg |   | n.d.        | 5   | -          |
| Decabromodiphenyl ether                   | mg/kg |   | n.d.        | 5   | -          |
| <b>Sum of PBDEs (Mono to Deca)</b>        | mg/kg |   | <b>n.d.</b> | -   | -          |

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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## Test Report

No. 10097615/07 (10)

Date: 14 August 2007

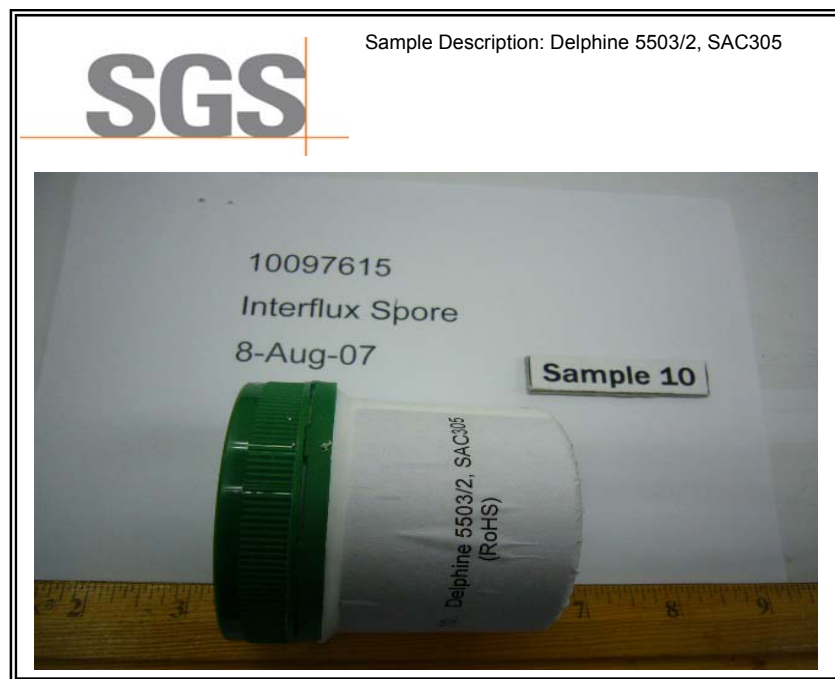
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- Note:
- (1) mg/kg = ppm
  - (2) n.d.= Not Detected = Denoted less than MDL
  - (3) MDL = Method Detection Limit
  - (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
  - (5) “-“ = Not regulated
  - (6) “ --- “ = Not Conducted

Remarks: Sample received was totally dissolved by preconditioning & destroyed after the analysis.

Lab Analyst: Christine Choy, Irene Li & Jessica Chong.

### Sample photo:



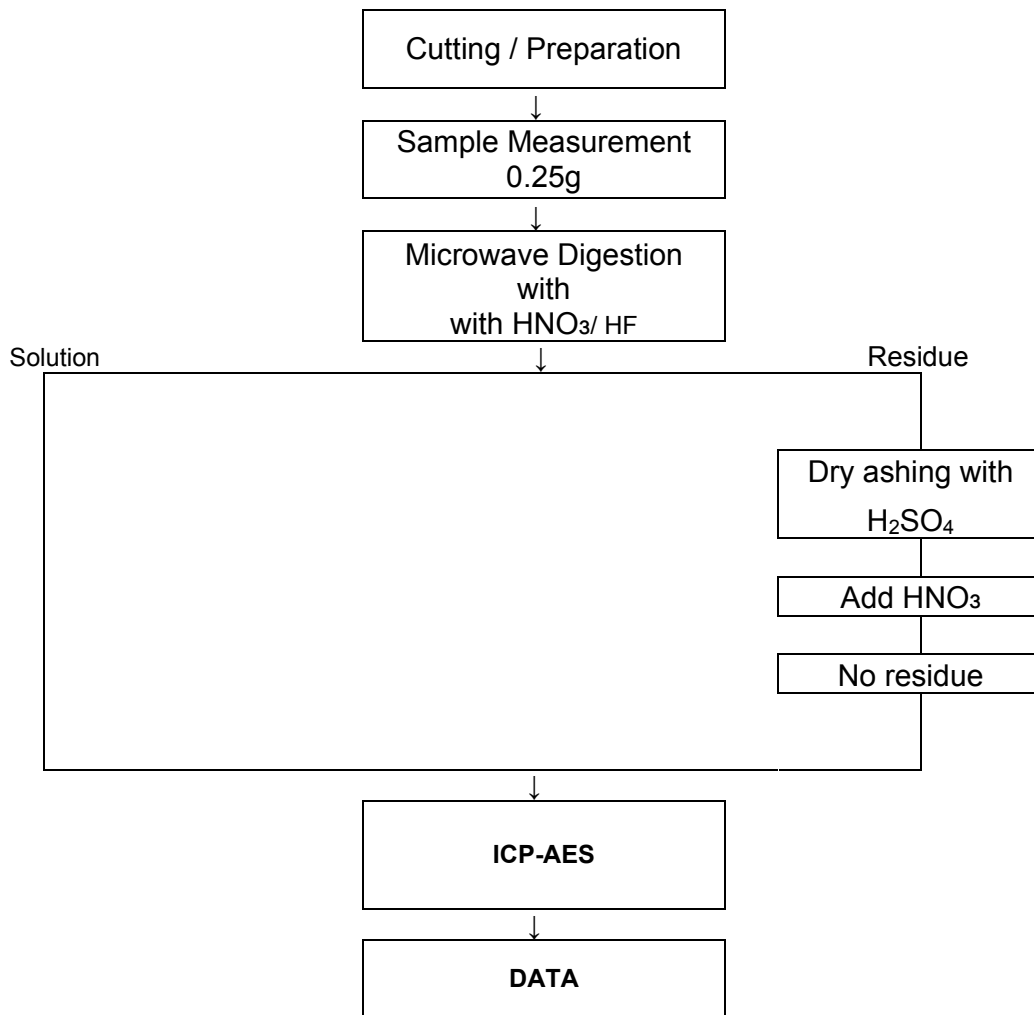
SGS authenticate the photo on original report only

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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SGS Testing & Control Services Singapore Pte Ltd | 26 Ayer Rajah Crescent #03-07 Singapore 139944 t +65 6379 0111 f+65 6777 2914 [www.sgs.com](http://www.sgs.com)

**Process Flow of US EPA 3051A/3052 (Hg, Cd, Pb)**



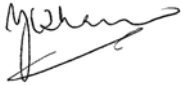
Lab Analyst : Jessica Chong

Sample received has been totally digested and dissolved by preconditioning method.

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

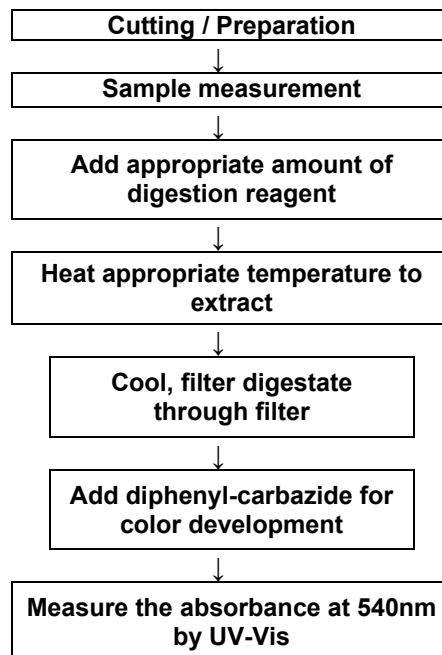
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Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



Y.C. Tham  
Laboratory Manager

### Process Flow of EPA 3060A, 7196A for analysis of Cr (VI)



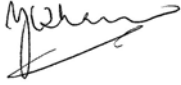
Lab Analyst : Christine Choy

Sample received has been totally digested and dissolved by preconditioning method.

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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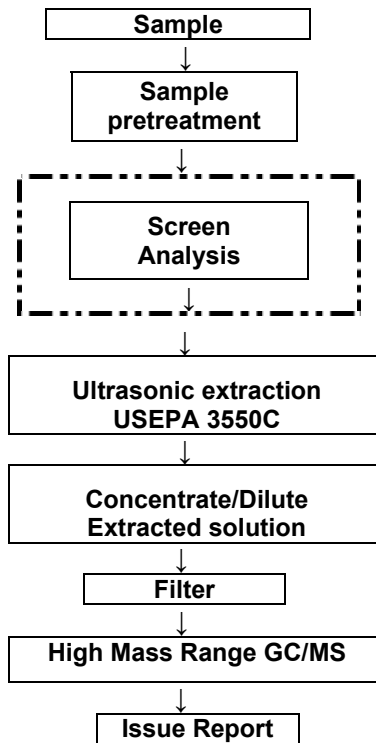
Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



Y.C. Tham  
Laboratory Manager

**Process Flow of PBBs and PBDEs Flame Retardants by GC/MS**

First Testing Process → Optional screen process ..... Confirmation process ...→



Lab Analyst : Irene Li

Sample received has been totally digested and dissolved by preconditioning method.

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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## Test Report

No. 10097615/07 (10)

Date: 14 August 2007

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Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



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Y.C. Tham  
Laboratory Manager

\*\*\*End of Report\*\*\*

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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