

**Test Report**

No. 10112746/08 (1b)

Date: January 16, 2008

Page 1 of 2

Alpha Metals Singapore  
14 Tuas Avenue 10  
Singapore 639138

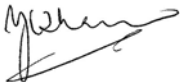
The following sample(s) was/were submitted and identified by/on behalf of the client as:

Product Description : Solder Paste SAC305 OM345  
Sample Receiving Date : 10 January 2008  
Testing Period : 11 January 2008 to 16 January 2008  
Test Requested : To determine the Halogen contents on the submitted sample.

---

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

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

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](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 and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.*

## Test Report

No. 10112746/08 (1b)

Date: January 16, 2008

Page 2 of 2

### Test Result(s):

Product Description : Solder Paste SAC305 OM345

Test Item(s)	Unit	Method	Result	MDL
<b>Halogen</b>				
Halogen - Bromine (Br) CAS No. 007726-95-6	mg/kg	With reference to JPCA-ES01:2003, the analysis was performed by IC.	n.d.	50
Halogen - Chlorine (Cl) CAS No. 007782-50-5	mg/kg	With reference to JPCA-ES01:2003, the analysis was performed by IC.	n.d.	50

- 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, Jessica Chong & Jenny Yip

### Sample photo:



SGS authenticate the photo on original report only

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

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

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](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 and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.*