

## 測試報告 Test Report

號碼(No.) : CE/2020/62383 日期(Date) : 2020/06/19 頁數(Page) : 1 of 5

美麗微半導體股份有限公司 / FORMOSA MICROSEMI CO., LTD.  
(杭州美麗微電子有限公司 / HANGZHOU FORMOSA MICRO-ELECTRONIC CO., LTD.)  
新北市土城區忠承路111號6樓 / 6F., NO. 111. ZHONGCHENG RD., TUCHENG DIST., NEW TAIPEI CITY, TAIWAN  
(杭州市濱江區明德路6號1幢3層 / FLOOR 3, BLOCK 1. NO. 6, MINGDE RD., BINJIANG DIST., HANGZHOU, CHINA)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

樣品名稱(Sample Description) : HIGH TEMPERATURE SOLDER PROCESSED PLASTIC MOLDED PRODUCTS (INCLUDED SURFACE MOUNT AND AXIAL PACKAGE PRODUCTS)/ 各項高溫焊錫製程塑封裝產品(包含貼片與軸式封裝產品)  
樣品型號(Style/Item No.) : 請參考第3頁 (PLEASE REFER TO PAGE 3)  
收件日期(Sample Receiving Date) : 2020/06/12  
測試期間(Testing Period) : 2020/06/12 to 2020/06/19

測試需求(Test Requested) : 依據客戶指定, 於送測樣品中檢測鹵素-氟、氯、溴、碘含量. (As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.)

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

  
Troy Chang / Manager - Tech  
Signed for and behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



PIN CODE: 7B239394

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### 測試結果(Test Results)

測試部位(PART NAME) No. 1 : 各項高溫焊錫製程塑封裝產品(包含貼片與軸式封裝產品) (HIGH TEMPERATURE SOLDER PROCESSED PLASTIC MOLDED PRODUCTS (INCLUDED SURFACE MOUNT AND AXIAL PACKAGE PRODUCTS))

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)
				No. 1
鹵素 / Halogen				
鹵素 (氟) / Halogen-Fluorine (F) (CAS No. : 14762-94-8)	mg/kg	參考BS EN 14582 (2016), 以離子層析儀分析. / With reference to BS EN 14582 (2016). Analysis was performed by IC.	50	n. d.
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No. : 22537-15-1)	mg/kg		50	n. d.
鹵素 (溴) / Halogen-Bromine (Br) (CAS No. : 10097-32-2)	mg/kg		50	n. d.
鹵素 (碘) / Halogen-Iodine (I) (CAS No. : 14362-44-8)	mg/kg		50	n. d.

### 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n. d. = Not Detected (未檢出)

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樣品型號(Style/Item No.):

1. ASM-10A / ASM-10A-L / ASM-10C / DO-218 / MINI-SMA(SOD-123) / SOD-123H / SOD-123HI / SOD-123HT / SOD-123HT1 / SOD-123T / SOD-123S / SOD-123S1 / SOD-123S-1 / SOD-123S-2 / SOD-123S-3 / SOD-123S-4 / SOD-123S-5 / SOD-123S7 / SOD-123S8 / SOD-123SA1 / SOD-123SA3 / SOD-123ST / SOD-123ST-1 / SOD-123ST-2 / SOD-323ST1 / SOD-123ST2 / SOD-323 / SOD-323HE / SOD-323S / SOD-323ST2 / SOD-523 / MINI-MELF (DO-213AA/GL34) / SMA / MELF(DO-213AB) / SMA-F / SMA-HS / SMA-HS1 / SMA-HS2 / SMA-HSFL / SMA-HSFL1 / SMA-HSFL2 / SMA-HST / SMA-L / SMA-W / SMA-S / SMB(DO-214AA) / SMB-F(DO-214AA) / SMB-FL / SMB-HS / SMB-HSFL / SMB-S / SMC (DO-214AB) / SMC-F (DO-214AB) / SMC-T1 / SMC-T2 / SMC-T3 / SMC-T4 /
2. A-405 / DO-14 / DO-15 / DO-27 / DO-201AD / DO-201AE / DO-218 / DO-34 / DO-405 / DO-41 / P6 / R6 / P600 / HV / HV03 / HV05 / HV07 / FH / FHV / FV5M / FV5M-1 / FV5M-2 / FH10M / GT / GH / BCT / BJ / BL / BU / W / MD / P0600M /
3. TO-126 / TO-220 / TO-220AB / TO-220AC / ITO-220AB / ITO-220AB-W / ITO-220AC / TO-3P (TO-247) / TO-251 / TO-251AA / TO-251AB / TO-251S / DPAK(TO-252) / DPAK-1 (TO-252-1) / DPAK-2 (TO-252-2) / TO-252AA / TO-252-4L / TO-262 (I2PAK) / D2PAK(TO-263) / D2PAK-1 (TO-263-1) / TO-92 (TO-226AA) / TO-92S / R-1 / R-3 / R-6 / TO-256 / TO-247AC / TO-3PN / TO-277 / TO-277A / TO-277B /
4. 4GBJ / DB / DBF / DBS / DF / DFS / GBL / GBJ / GBP / GBPC-W / GBPC-T / GBU / KBL / KBJ / KBP / KBPC-3 / KBPC-6 / KBPC-8 / KBPC-MT / KBPC-MW / KBPC-PS / KBPC-PT / KBPC-PW / KBU / LDBS / LMBS / LMDS (TBS) / LMDS-1 / MBF / MBLS / MBLS-1 / MBLS-7 / MDB / MDLS / MDS (TO-269AA) / MDS-1 / MDS-6 / MP / MT-35 / QFNB / RB-15 / RS / WOB / UDLS /

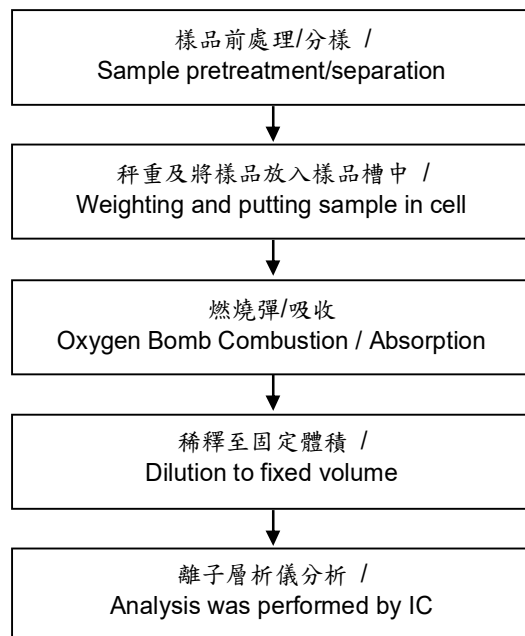
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### 鹵素分析流程圖 / Analytical flow chart - Halogen



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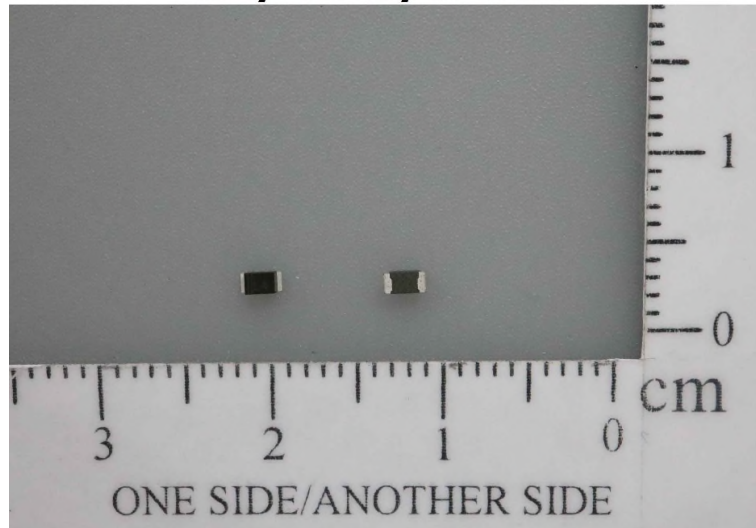
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\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*  
(The tested sample / part is marked by an arrow if it's shown on the photo.)

### CE/2020/62383



\*\* 報告結尾(End of Report) \*\*