

測試報告 Test Report

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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 23674, TAIWAN (R.O.C.)
(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) : WIRE BONDED PROCESSED PLASTIC MOLDED PRODUCTS(各項打線製程塑封裝產品各項打線製程塑封裝產品)
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) : 2020/01/03
測試期間(Testing Period) : 2020/01/03 to 2020/01/10

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.)

測試方法(Test Method) : 請參閱下一頁 (Please refer to following pages).

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


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



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測試結果(Test Results)

測試部位(PART NAME) No. 1 : 各項打線製程塑封裝產品 (WIRE BONDED PROCESSED PLASTIC MOLDED 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	73.5
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.):

0402 / 0603 / 0805 / 1005(SOD-323)/ FN2510P10 / MFN-1 / MFN-2 / MFN-3 / MFN-4 /
MFN-5 / MFN-5-1 / MFN-5T / MFN-9 / MFN-9-1 / MFN-9T / uDFN-2L / SOD-882 / D0201 /
T0603 /T0603-1/ T0603-3 / T1006P2 / T1006P2-A2/ T3020P10/ T3810P9/ T3333P8 / T2010P10/
T2020P6/T2020P6-1 /T2020P6-2/ T2510P10/ T1006P3/ T1006P3-1/ T1006P3-2 / T1006P2-7/
T1006P2-7A/ T1006-A4/ T1608P2/ T1608P2-2/ T0603/ T0603-1/ T0603-2/ T5060P8/
DFN0.6X0.3 (DFN0603)/ DFN1.0X0.6 (DFN1006) (T1006P3)/ DFN1.2X1.2 (DFN1212)/
DFN1.6X1.6 (DFN1616)/ DFN1X1-6 (DFN1010-6)/ DFN1X1-3 (DFN1010-3)/ DFN2X2 (DFN2020)
(T2020P6)/ DFN2X3 (DFN2030)/ DFN2X5 (DFN2050)/ DFN3X2 (DFN3020)/ DFN3X2NEP
(DFN3020NEP)/ DFN3X3 (DFN3030) (T3333P8)/ DFN3X3NEP (DFN3030NEP)/ DFN3.3X3.3
(DFN3333)/ DFN5X6 (DFN5060) (T5060P8) (PPAK5X6)/ SOT-883
SC-76 / SC-89(SOT-523) / SOD-123F/ SOD-123FL / SOD-323F / SOD-323FL / SOD-523FL /
SOD-723FL / SOD-923FL / SOP8 (SOP-08) / SOT-1123/ SOT-143 / SOT-223 / SOT-23(SC-59) /
SOT-23-5(SOT-25) / SOT-23-6 (SOT-26) / SOT-23-LC/ SOT-323 / SOT-353 / SOT-363(SC-88) /
SOT-523 / SOT-553 / SOT-563 / SOT-723 / SOT-89 / SOT-923 / TSOP-6 / TSSOP-8

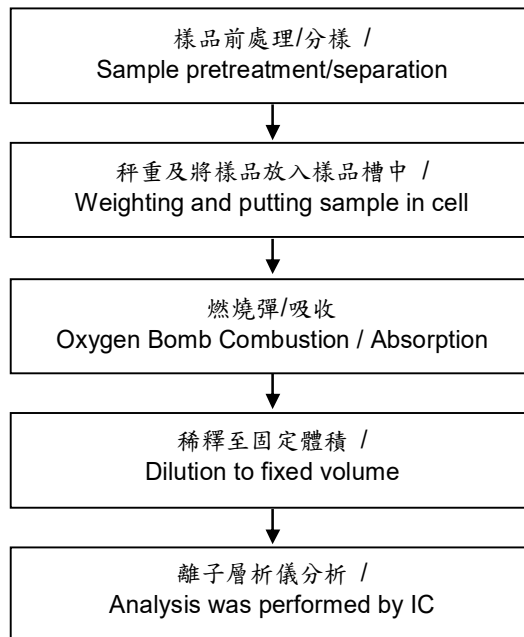
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鹵素分析流程圖 / Analytical flow chart - Halogen

- 測試人員：陳恩臻 / Technician: Rita Chen
- 測試負責人：張啟興 / Supervisor: Troy Chang



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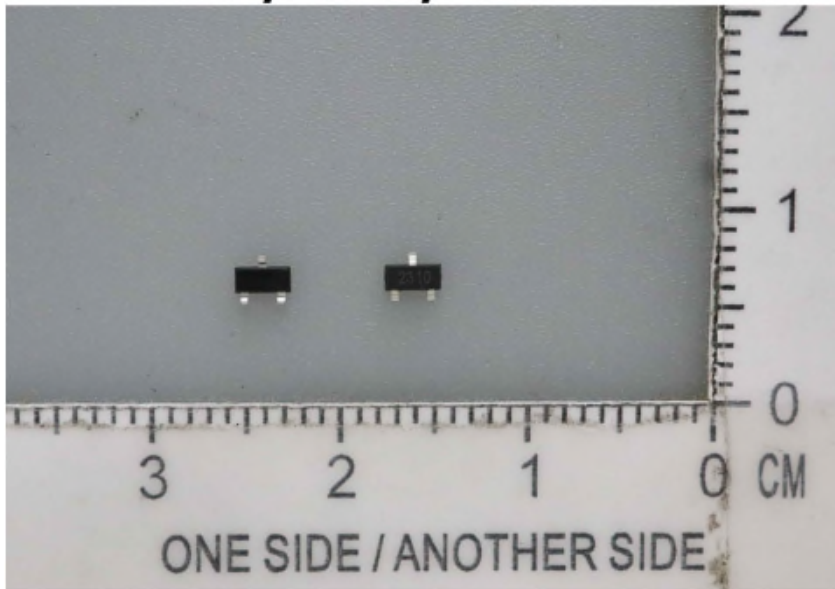
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 *

(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2020/10737



** 報告結尾(End of Report) **