

測試報告

Test Report

號碼(No.): CE/2010/23587 日期(Date): 2010/03/08 頁數(Page): 1 of 4

億光電子工業股份有限公司

EVERLIGHT ELECTRONICS CO., LTD.

台北縣土城市中央路三段76巷25號

NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIPEI, TAIWAN, R. O. C.

以下測試樣品係由客户送樣,且由客户聲稱並經客户確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

PHOTO COUPLER DIP 類-含菌素機種 (EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x)	BASIC INFORMATION			
Supplier Company Name Address NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIWAN, R. O. C. Tel/Fax/Email TEL:886-2-267-2000 EXT:1203 FAX:886-2-267-9948 E-MAIL: meelin@everlight.com Contact Person LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Type of Product	PHOTO COUPLER DIP 類-含鹵素機種 (EL81x, EL82x, 4Nxx,		
Address NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIWAN, R. O. C. Tel/Fax/Email TEL:886-2-267-2000 EXT:1203 FAX:886-2-267-9948 E-MAIL: meelin@everlight.com Contact Person LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description ISOLATION UNIT Quantity (numbers or weight) 0.2254g Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No IX-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING		CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x)		
R. O. C. Tel/Fax/Email TEL:886-2-267-2000 EXT:1203 FAX:886-2-267-9948 E-MAIL: meelin@everlight.com Contact Person LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description Quantity (numbers or weight) O.2254g Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Supplier Company Name	EVERLIGHT		
TEL:886-2-267-2000 EXT:1203	Address	NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIWAN,		
FAX:886-2-267-9948 E-MAIL: meelin@everlight.com LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description ISOLATION UNIT Quantity (numbers or weight) O.2254g Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No IX-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING		R. O. C.		
E-MAIL: meelin@everlight.com LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Tel/Fax/Email	TEL:886-2-267-2000 EXT:1203		
Contact Person LIN HSIAO HUA EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No LIN HSIAO HUA EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, MCT2x-SGS-08/03/2010 EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No LX-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING		FAX:886-2-267-9948		
EVERLIGHT REPORT NO EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No IX-HB-05 Country of Origin TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING		E-MAIL: meelin@everlight.com		
EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010 PRODUCT INFORMATION Product/component Sample description	Contact Person	LIN HSIAO HUA		
PRODUCT INFORMATION Product/component Sample description ISOLATION UNIT Quantity (numbers or weight) 0.2254g Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	EVERLIGHT REPORT NO	EVERLIGHT-EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x,		
Product/component Sample description Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No Country of Origin TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation ISOLATION UNIT 1. CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x TAIWAN TEST INFORMATION CUTTING		EL30xx, 6Nxxx, TIL1xx, MCT2x-SGS-08/03/2010		
Quantity (numbers or weight) Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No Country of Origin TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	PRODUCT INFORMATION			
Supplier P/N EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx, 6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Product/component Sample description	ISOLATION UNIT		
6Nxxx, TIL1xx, MCT2x Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Quantity (numbers or weight)	0.2254g		
Product Lot No 1X-HB-05 Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Supplier P/N	EL81x, EL82x, 4Nxx, CNY17-x, CNY17F-x, H11x, EL30xx,		
Country of Origin TAIWAN TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING		6Nxxx, TIL1xx, MCT2x		
TEST INFORMATION Digital Photo(s) of sample(s) after being prepared Sample preparation CUTTING	Product Lot No	1X-HB-05		
Digital Photo(s) of sample(s) after being JPG EMBEDDED IN EACH REPORT prepared Sample preparation CUTTING	Country of Origin	TAIWAN		
prepared Sample preparation CUTTING	TEST INFORMATION			
Sample preparation CUTTING	Digital Photo(s) of sample(s) after being	JPG EMBEDDED IN EACH REPORT		
	prepared			
Test Method Halogen-BS EN 14582	Sample preparation	CUTTING		
	Test Method	Halogen-BS EN 14582		
PQL and/or MDL Halogen: 50 mg/kg	PQL and/or MDL	Halogen: 50 mg/kg		
Name of Analyzer Halogen: Rita Chen	Name of Analyzer	Halogen: Rita Chen		

收件日期(Sample Receiving Date)

: 2010/02/26

測試期間(Testing Period) : 2010/02/26 TO 2010/03/08

測試結果(Test Results) :

請見下一頁 (Please refer to next pages).

Shin-Jyh Chen Shinjyh Chen'/ Asst. 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 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.

台灣檢驗科技股份有限公司 Chemical-Taipei 33 WuChyuan Road, Wuku Industrial Zone, Taipei County, Taiwan /台北縣五股工業區五權路33號 t + 886 (02)2299 3279 f + 886 (02)2299 3279 www.sgs.com



測試報告 **Test Report**

號碼(No.): CE/2010/23587 日期(Date): 2010/03/08 頁數(Page): 2 of 4

億光電子工業股份有限公司

EVERLIGHT ELECTRONICS CO., LTD.

台北縣土城市中央路三段76巷25號

NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIPEI, TAIWAN, R. O. C.

測試結果(Test Results)

測試部位(PARTNAME)NO.1 : 本體 (BODY)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限値 (MDL)	結果 (Result) NO.1
鹵素 / Halogen				
鹵素(氟)/ Halogen-Fluorine (F) (CAS No.: 014762-94-8)	mg/kg	参考BS EN 14582:2007, 以離子層析儀 分析. / With reference to BS EN 14582:2007. Analysis was performed by IC.	50	n.d.
鹵素(氯)/ Halogen-Chlorine (C1) (CAS No.: 022537-15-1)	mg/kg	参考BS EN 14582:2007, 以離子層析儀 分析. / With reference to BS EN 14582:2007. Analysis was performed by IC.	50	151
鹵素(溴)/ Halogen-Bromine (Br) (CAS No.: 010097-32-2)	mg/kg	參考BS EN 14582:2007, 以離子層析儀 分析. / With reference to BS EN 14582:2007. Analysis was performed by IC.	50	9050
鹵素(碘)/ Halogen-Iodine (I) (CAS No.: 014362-44-8)	mg/kg	参考BS EN 14582:2007, 以離子層析儀 分析. / With reference to BS EN 14582:2007. Analysis was performed by IC.	50	n.d.

備註(Note):

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

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.



測試報告 Test Report

號碼(No.) : CE/2010/23587 日期(Date) : 2010/03/08 頁數(Page) : 3 of 4

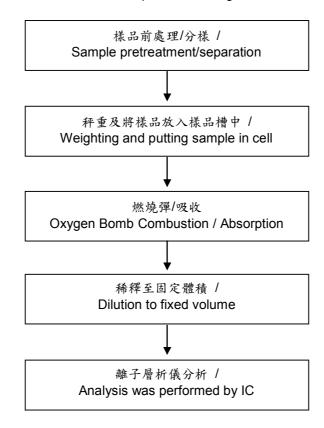
億光電子工業股份有限公司 EVERLIGHT ELECTRONICS CO., LTD. 台北縣土城市中央路三段76巷25號

NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIPEI, TAIWAN, R. O. C.



鹵素分析流程圖 / Analytical flow chart of halogen content

- 1) 測試人員: 陳恩臻 / Name of the person who made measurement: Rita Chen
- 2) 測試負責人:張啓興 / Name of the person in charge of measurement: Troy Chang



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。

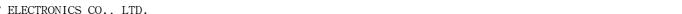
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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.



測試報告 Test Report

號碼(No.): CE/2010/23587 日期(Date): 2010/03/08 頁數(Page): 4 of 4

億光電子工業股份有限公司 EVERLIGHT ELECTRONICS CO., LTD. 台北縣土城市中央路三段76巷25號



CE/2010/23587

NO. 25, LANE 76, SEC. 3, CHUNG YANG ROAD, TUCHENG, TAIPEI, TAIWAN, R. O. C.

** 報告結尾 (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 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.