



廣益全球驗證有限公司

Great One Global Certification Co., Ltd.

# SALT SPRAY TEST REPORT

Product Name : Heat Sink (Main Body)

Report Number : GO16071804

Model : MA6T08

Applicant's Name : TOP WIN OPTOELECTRONICS CORP.

Applicant's Address : 5F-2, No.120, Qiaoh Rd., Zhonghe Dist., New  
Taipei City 235, Taiwan (R.O.C.)

Testing Laboratory : TAIWAN TESTING TECHNOLOGY CO LTD.

Testing Laboratory's Address : NO.170 Shi-Ho Rd, Tainan city, Taiwan.



## TEST REPORT

Report No. : 105072011 Page : 1/3  
 Client : TOP WIN OPTOELECTRONICS CORP  
 Customer Address : 5F-2, No.120, Qiaoh Rd., Zhonghe Dist., New Taipei City 235, Taiwan(R.O.C)  
 Sample Description : Heat Sink (Main Body) : MA6T08  
 Application Date : 2016/7/20  
 Test Date : 2016/7/26~2016/7/28  
 Report Date : 2016/7/28  
 Test Method : ASTM B368-09

Item	Test Result	Required value
Salt Spray (CASS)	(Picture showed below)	—
Before Test	7 hrs	
<p><b>Remark</b></p> <ol style="list-style-type: none"> <li>The sample is submitted by client, test result related only to the sample tested, and shall not be revised or reproduced except in full.</li> <li>The report is ineffective without the steel seal and modify is forbidden.</li> <li>Environment Condition : <math>23 \pm 2^\circ\text{C}</math> ; <math>50 \pm 5\% \text{RH}</math>.</li> <li>Apparatus : Salt Spray (Fog)</li> <li>Salt solution : <math>5 \pm 1</math> parts by mass of NaCl and <math>2.375\text{g}(\text{CuCl}_2 \cdot 2\text{H}_2\text{O})</math> in 95 parts of water</li> <li>PH of the salt solution : <math>6.5 \sim 7.2</math></li> <li>Chamber temperature : <math>49 \pm 1^\circ\text{C}</math></li> <li>Tower temperature : <math>60 \sim 65^\circ\text{C}</math></li> <li>Time : 48 hrs</li> <li>Cleaning Specimens : Clean running water not warmer than <math>38^\circ\text{C}</math></li> </ol>		


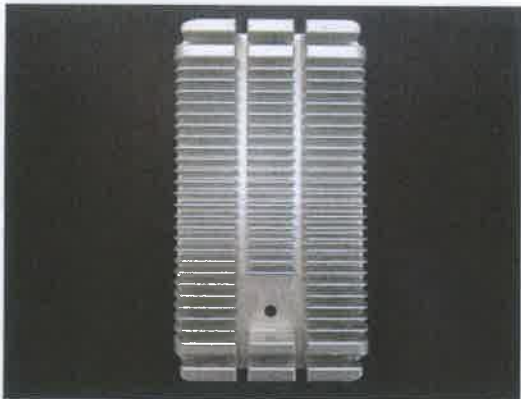




Signatory :

*Chuan Tsung*

WI52-02

## TEST REPORT

Report No. : 105072011 Page : 2/3  
 Client : TOP WIN OPTOELECTRONICS CORP  
 Customer Address : 5F-2, No. 120, Qiaoh Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C)  
 Sample Description : Heat Sink (Main Body) ; MA6T08  
 Application Date : 2016/7/20  
 Test Date : 2016/7/26~2016/7/28  
 Report Date : 2016/7/28  
 Test Method : ASTM B368-09

Item	Test Result	Required value
<b>Salt Spray (CASS)</b>	(Picture showed below)	—
24 hrs		31 hrs
		
		
		

Remark 1. The sample is submitted by client, test result related only to the sample tested, and shall not be revised or reproduced except in full.  
 2. The report is ineffective without the steel seal and modify is forbidden.  
 4. Environment Condition :  $23 \pm 2$  °C ;  $50 \pm 5$  %RH.  
 5. Apparatus : Salt Spray (Fog)  
 6. Salt solution :  $5 \pm 1$  parts by mass of NaCl and  $2.375g(CuCl_2 \cdot 2H_2O)$  in 95 parts of water  
 7. PH of the salt solution : 6.5 ~ 7.2  
 8. Chamber temperature :  $49 \pm 1$  °C  
 9. Tower temperature : 60 ~ 65 °C  
 10. Time : 48 hrs  
 11. Cleaning Specimens : Clean running water not warmer than 38 °C

Signatory :



邱顯聰  
Tsun

WI52-02

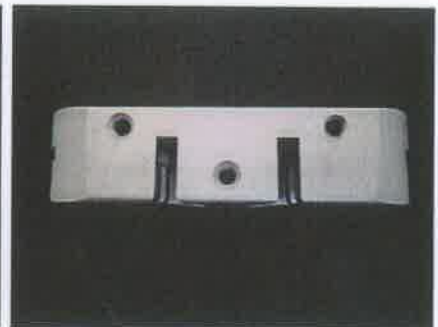
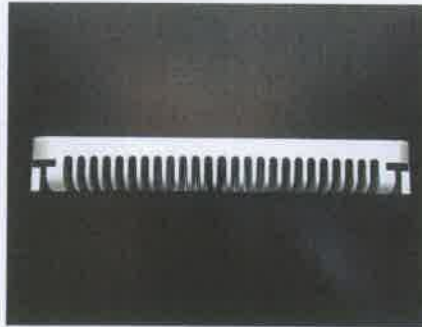


## TEST REPORT

Report No. : 105072011 Page : 3/3  
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 Customer Address : 5F-2, No.120, Qiaohe Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C)  
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 Test Method : ASTM B368-09

Item	Test Result	Required value
Salt Spray (CASS)	(Picture showed below)	—

48 hrs



- Remark 1. The sample is submitted by client, test result related only to the sample tested, and shall not be revised or reproduced except in full.
2. The report is ineffective without the steel seal and modify is forbidden.
4. Environment Condition :  $23 \pm 2 \text{ }^\circ\text{C}$  ;  $50 \pm 5 \text{ \%RH}$ .
5. Apparatus : Salt Spray (Fog)
6. Salt solution : 5  $\pm$  1 parts by mass of NaCl and 2.375g( $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ ) in 95 parts of water
7. PH of the salt solution : 6.5 ~ 7.2
8. Chamber temperature :  $49 \pm 1 \text{ }^\circ\text{C}$
9. Tower temperature : 60 ~ 65  $^\circ\text{C}$
10. Time : 48 hrs
11. Cleaning Specimens : Clean running water not warmer than 38  $^\circ\text{C}$

Signatory :

  
 Chiu  Tsung 

WI52-02