

試驗報告

Test Report

號碼(No.) : KU/2020/20153

日期(Date) : 2020/03/13 頁數(Page) : 1 of 4

永翔化學工業股份有限公司

YUNG SHYANG CHEMICAL INDUSTRIAL CO., LTD.

台中市大里區國光路一段123-1號

NO.123-1, SEC.1, KUO-KUANG RD., TA LI DISTRICT, TAICHUNG, TAIWAN, R. O. C.

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) : 抗菌鋁板
樣品型號(Style/Item No.) : AB-100抗菌金油
送樣廠商(Sample Submitted By) : 永翔化學工業股份有限公司 (YUNG SHYANG CHEMICAL INDUSTRIAL CO., LTD.)
收件日期(Sample Receiving Date) : 2020/02/27
測試期間(Testing Period) : 2020/02/27 TO 2020/03/13

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測試方法(Test Method) : JIS Z2801

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

Ray Chang

報告簽署人/張伯睿/博士/技術經理

Ray Chang, Ph.D./Manager -Tech

Signed for and on behalf of

SGS Taiwan Limited

化學實驗室-高雄/Chemical Laboratory-Kaohsiung



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測試結果(Test Results)

測試部位(PART NAME)No.1 白色/銀色金屬片 (WHITE/SILVER COLORED METAL SHEET)

試驗菌種(Test Organism) : 金黃色葡萄球菌 <i>Staphylococcus aureus</i> ATCC 6538P			
試驗組別/ Test Group)	CFU/cm ²	LOG	抗菌值(R)/ Antibacterial activity (R)
對照組 0小時菌數 / Control (U _o) test piece at 0h	1.5X10 ⁴	4.17	>3.83
對照組 24小時菌數 / Control (U _t) test piece after 24h	4.3X10 ³	3.63	
樣品組 24小時菌數 / Test piece (A _t) after 24h	<0.63	-0.20	

試驗菌種(Test Organism) : 大腸桿菌 <i>Escherichia coli</i> ATCC 8739			
試驗組別/ Test Group)	CFU/cm ²	LOG	抗菌值(R)/ Antibacterial activity (R)
對照組 0小時菌數 / Control (U _o) test piece at 0h	9.3X10 ³	3.96	>6.19
對照組 24小時菌數 / Control (U _t) test piece after 24h	9.8X10 ⁵	5.99	
樣品組 24小時菌數 / Test piece (A _t) after 24h	<0.63	-0.20	

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備註(Note) :

1. 檢驗報告僅就委託者之委託事項提供測試結果，不對產品合法性做判斷。 / The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.
2. 本報告不得分離或擷錄使用。 / The report is invalid if it is partly reproduced or used.
3. U_o : 無加工樣品接種後立即測試之菌數，其應介於 $6.2 \times 10^3 \sim 2.5 \times 10^4$ CFU/cm²。 / U_o : Untreated test piece at 0h, bacteria counts should be at 6.2×10^3 to 2.5×10^4 CFU/cm²
4. U_t : 無加工樣品經 24小時培養後之菌數。 / U_t : Untreated test piece after 24h
5. A_t : 加工樣品經 24小時培養後之菌數。 / A_t : Antibacterial test piece after 24h
6. 抗菌值 $R(\log) = U_t - A_t$; 抗菌活性值 R 若 ≥ 2.0 ，表示有抗菌效果。 / Antibacterial activity $R(\log) = U_t - A_t$; R shall be ≥ 2.0 for Antibacterial effectiveness.
7. 若無“無加工樣品”，以空白組代替之。 / If “Untreated test piece” can't be prepared, “Blank” may be used.
8. 此項目轉包予台灣檢驗科技股份有限公司食品實驗室-高雄進行測試。 / The testing item was subcontracted to SGS Taiwan Ltd. Food Laboratory - Kaohsiung.

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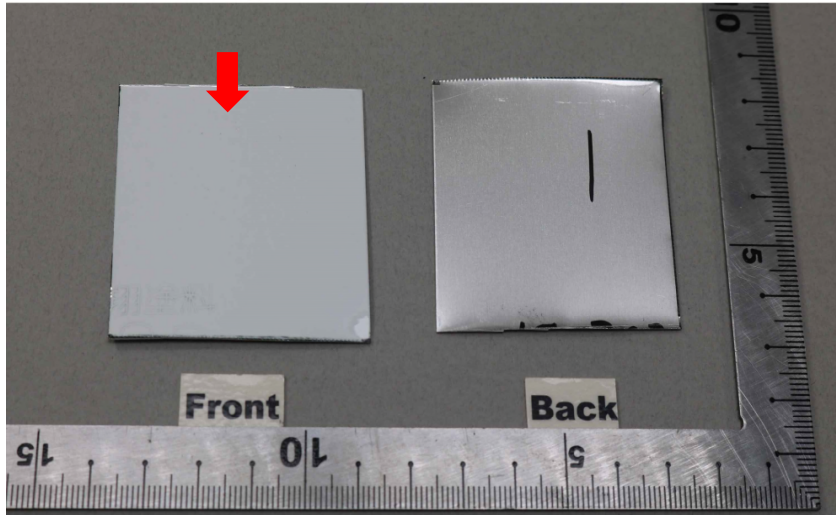
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*
(The tested sample / part is marked by an arrow if it's shown on the photo.)

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** 報告結尾 (End of Report) **

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