

測試報告/ Test Report

億高應用材料股份有限公司 / Zirco Applied Materials Co., Ltd.
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工服編號/ Application No. 20-04-WAH-049

承辦日期/ Date of Receipt 2020/4/20

測試日期/ Date of Performance 2020/4/21

報告日期/ Date of Issue 2020/5/11

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聯絡人/ Contact —

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檢體名稱/ Sample Description Uplus NANO-AG Antibacterial Sticker

檢體資訊/ Sample Information 樣品批號/ Sample Lot Number: —

樣品製造日期/ Manufacture Date: —

樣品有效日期/ Expiry Date: —

樣品狀態/ Sample State: 散裝-室溫 / Packaging in bulk-Room temperature

樣品重量/ Sample Weight: 9片 / 9 pieces

製造廠商/國內負責廠商
Manufacturer/ Vender: 億高應用材料股份有限公司 Zirco Applied Materials Co., Ltd. / 億高應用材料股份有限公司 Zirco Applied Materials Co., Ltd.

其他/ Others: —

備註/ Note:

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2. 本報告僅對測試樣品負責。/ Unless otherwise stated the results shown in this test report refer only to the samples(s) tested.
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8. 測試項目若為定量分析以「定量極限」表示；以定性分析則以「偵測極限」表示。/ The inspection items are expressed as quantitative limits for quantitative analysis and as detection limits for qualitative analysis.
9. 測定值低於定量極限/偵測極限，以「未檢出」或「陰性」表示之。/ This testing result will be "N.D." or Negative for Limit of Detection, respectively.

報告簽署人/ Approved by:



Laboratory Representative

檢驗報告僅就委託者之委託事項提供檢驗結果，不對產品合法性做判斷。
This report is the test results issued by the inspection institution are requested by the consignor and it is no relationship with the legitimacy of the product.

測試結果/ Test Results

測試項目 Test Item(s)	測試方法 Method	測試結果 Test Results	單位 Unit	定量/偵測極限 LOQ/LOD
抗菌試驗 Test for antimicrobial activity and efficacy -大腸桿菌(BCRC 11634) / Escherichia coli (BCRC 11634)	依據JIS Z 2801 : 2010 (amd 1 : 2012) According to JIS Z 2801 : 2010 (amd 1 : 2012)	>99.99	%	—

*測試內容，詳如附件/ Please refer to the attached list for Test content

檢體照片 / Sample Photo



---報告結尾 / End of Report ---

附表 Attached list

測試內容 Test content: 抗菌試驗 Test for antimicrobial activity and efficacy

測試結果 Test results:

Result	
試驗菌種 (保存編號) Bacterial strain to be used for the tests (Strain number)	<i>Escherichia coli</i> (BCRC 11634)
起始菌量 Value of antimicrobial activity (A) (CFU/mL)	9.00×10^5
空白對照樣品菌量 Average of the number of viable cells of bacteria immediately after inoculation on the untreated test piece(U0)	1.37×10^4 Log : 4.14
作用時間 Incubation time	24hr
空白對照樣品培養24hr後菌量 Average of the number of viable cells of bacteria on the untreated test piece after 24hr(Ut)	3.20×10^6 Log : 6.51
加工樣品培養24hr後菌量 Average of the number of viable cells of bacteria on the antimicrobial test piece after 24hr(At)	<0.63 Log : <0.63
抗菌活性值 Antibacterial activity : R = Ut - At	>5.88
抗菌效力 Antimicrobial efficacy(%)	>99.99

備註 Remarks : CFU = 菌落形成單位 Colony Forming Unit

< = 小於 less than

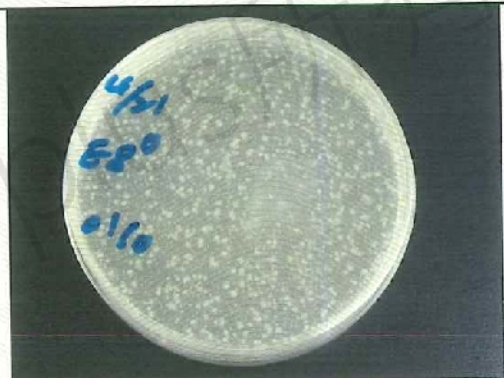
> = 大於 greater than

抗菌效力 Antimicrobial efficacy(%) = (Ut-At)/Ut x 100%

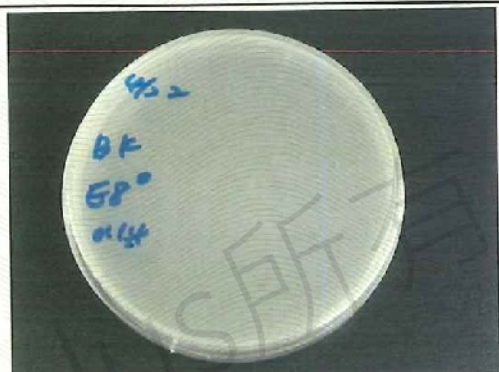
附表 Attached list

Test Photo :

Immediately on untreated sample : U0



24hr Inoculum on untreated sample : Ut



24hr Inoculum on antibacterial treated sample : At

