

Test report

Request No. : KATR181031-005

Request date : 2018. 10. 31

Report No. : KAAA181106-003

Issue date : 2018. 11. 06

Company : (주)거성월드

Purpose of use : Account submission

Address : #1806, KnK digital tower, 220, Yeongsin-ro, Yeongdeungpo-gu, Seoul

Person : 박철형

Submit company :

Name of sample : KOREAKING DIAMOND X SERIES

Test item	Test result	
	Control	Sample
Custom Solution Test		
<i>Escherichia coli</i> Colony count after 24 hrs (CFU/mL)	2.5 X 10 ⁷	1.9 X 10 ⁵
ATCC 6538 (Bacteria) Bacterial reduction (%)		99.2
Inoculate bacteria 2.7 X 10 ⁵ CFU/mL		

※ Sample type : AL + fluorine coated

※ Standard film : type – sterilized PP film, size – 40 X 40 mm

※ Test method : 0.4 mL of pre-cultured inoculum which reference to JIS Z 2801 was taken with a micro pipette and instilled onto center of the sample and covered with a standard film. Put the sample in the vinyl which disinfecting the inside with 70% ethanol and dried, bundle the vinyl and place it in the incubator, and ferment it at 37°C for 24 hours. Control is tested using a 50 x 50 mm standard film with reference to JIS Z 2801 and incubated in a vinyl disinfected inside like the sample.

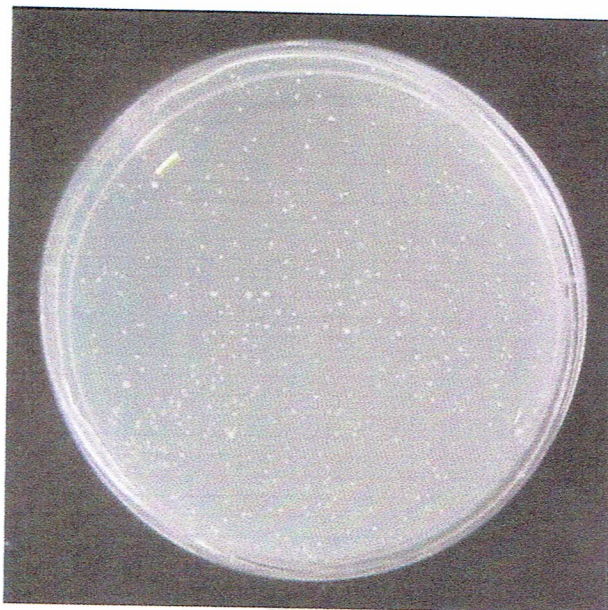
※ Bacterial reduction(%)= [(CFU of control)-(CFU of sample)]/ (CFU of control)

Korea Analysis Test Researcher

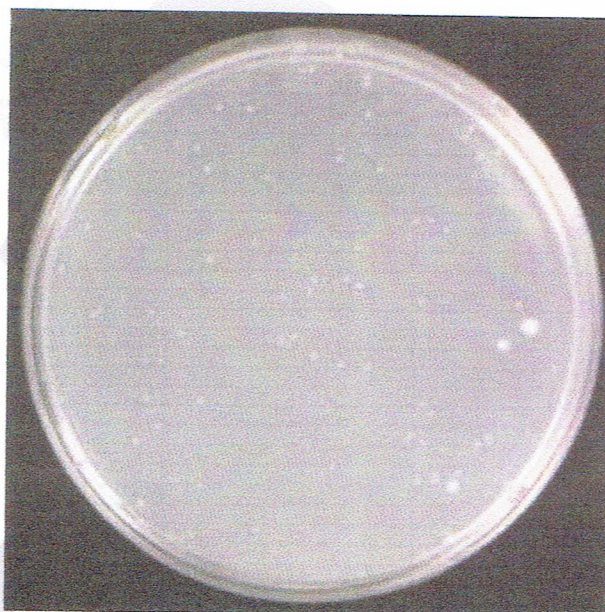
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 2. This report cannot be used for advertisement, campaign, and legal purpose without KATR's permission. Do not use for any other purposes.

- Result picture -

ATCC 8739



< Control >



< Sample >

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- Sample picture -



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