

# **ABOUT US**

As recently, CoronaVirus, MERS, Ebola virus, New flu virus, Food poisoning, general germs, etc has spread throughout the world, the worldwide interests in the sterilization is rising.

To resolve this, we have developed PLASMA MONEY STERILIZER sterilizing and disinfecting money (bills, coins) transmitting germs or bacteria in our living. It can be used for banks, post offices, larg e shopping malls, markets or all cash transaction places.

Especially, the PLASMA MONEY STERILIZER is the World's First Opened Bill Sterilizer which removes Bacterial fine dust(PM 2.5) and kills 99.9% of germs in 30 seconds with sterilizer opened using our own developed Plasma ion cluster for the disinfection & sterilization in the air, instead of utilizing the existing UV ray or germicide methods.

We, at SMI a leader in the next generation sterilizer market have proven technical ability of PLASM A MONEY STERILIZER called M-Care through multiple design and patent applications. And we will do our utmost to keep currency hygienic for the citizens of the world to lead healthier lives.

#### Press Releases

THE SLATEST

# China Says It's Now Quarantining Old Cash to Combat Spread of Coronavirus

https://slate.com/news-a nd-politics/2020/02/chin a-quarantine-cash-bills-c urrency-money-coronavir us-spread.html

By ELLIOT HANNON

FEB 16, 2020 • 9:13 AM



https://www.bloomberg.c om/news/articles/2020-0 2-15/china-quarantines-c ash-to-sanitize-old-banknotes-from-virus

#### Press Releases

NEWS

# Chinese bank to destroy cash in areas hit by coronavirus

By Jackie Salo

February 16, 2020 | 1:19pm

https://nypost.com/2020/02/16/ch inese-bank-to-destroy-cash-in-are as-hit-by-coronavirus/



EPA

#### CORONAVIRUS

Americans evacuating from coronavirus-stricken Diamond Princess cruise arrive in US

Coronavirus continues to spread on quarantined China's central bank will reportedly destroy some cash in areas hard-hit by the coronavirus to prevent contagion.

People's Bank of China has ordered the return of paper currency in circulation at hospitals, animal markets and buses near the country's hot zones in order to destruct potentially-contaminated bills, the South China Morning Post reported.

#### **Press Releases**

https://nationalinterest.org/blog/buzz/coronavirus-has-chinese-banks-clean ing-and-trying-quarantine-or-destroy-dirty-money-124141



February 16, 2020  $\mid Topic$ : Economics  $\mid Blog \ Brand$ : The Buzz  $\mid Tags$ : China, Economics, Coronavirus, Money, Banking

# Coronavirus Has Chinese Banks Cleaning and Trying to Quarantine (or Destroy) Dirty Money

Yes, it has come down to this.

by Mitchell Blatt



hina's widespread quarantine policy thanks to the coronavirus had been expanded from the city of Wuhan to a dozen other cities in Hubei province, to community quarantines for people returning from holiday, and now even inanimate objects must be quarantined. Paper currency, that is.

#### Wall Street Journal

U.S. NEW

#### Why You Shouldn't Put Your Money Where Your Mouth Is



36,000 Americans

die each year from flu-related causes.

Among them 10% of people received the flu from paper currency.

Source: The Centers for Disease Control and Prevention (CDC)

Talk about dirty money: Scientists are discovering a surprising number of microbes living on cash. In the first comprehensive study of the DNA on dollar bills, researchers at New York University's Dirty M oney Project found that currency is a medium of exchange for hundreds of different kinds of bacteria as bank notes pass from hand to hand.

By analyzing genetic material on \$1 bills, the NYU researchers identified 3,000 types of bacteria in al I — many times more than in previous studies that examined samples under a microscope. Even so, the y could identify only about 20% of the non-human DNA they found because so many microorganisms haven't yet been cataloged in genetic data banks.

#### **CNN News**



If you thought dirty money was only found in offshore bank accounts, check your wallet instead. But you may want to wash your hands afterward.

Almost 60% of Europeans believe cash is the dirtiest item they come into contact with, ahead of escalator hand rails, buttons on payment terminals and library books, according to a survey of 1,000 people released on Marc h 25 by Mastercard.

A further 83% of the respondents, taken from 15 countries across Europe, believe cash carries a lot of bacteria. And they are right.

Independent tests on European money conducted by a team of scientists at Oxford University in December 201 2, revealed that the average banknote contains 26,000 bacteria, enough germs to make you feel nauseous, and possibly even spread disease.

"Europeans' perceptions of dirty cash are not without reason," Ian Thompson, the professor from Oxford Unive rsity who tested the cash, said in a news release. "The bank notes we tested harbored an average of 26,000 bac teria, which, for a number of pathogenic organisms, is sufficient for passing on infection."

#### **NBC NEWS**









#### PRESS RELEASE

# WHO Press Release: Outdoor air pollution a leading environmental cause of cancer deaths

#### International Agency for Research on Cancer



PRESS RELEASE

17 October 2013

#### IARC: Outdoor air pollution a leading environmental cause of cancer deaths

Lyon/Geneva, 17 October 2013 – The specialized cancer agency of the World Health Organization, the International Agency for Research on Cancer (IARC), announced today that it has classified outdoor air pollution as carcinogenic to humans (Group 1).

After thoroughly reviewing the latest available scientific literature, the world's leading experts convened by the IARC Monographs Programme concluded that there is *sufficient evidence* that exposure to outdoor air pollution causes lung cancer (Group 1). They also noted a positive association with an increased risk of bladder cancer.

Particulate matter, a major component of outdoor air pollution, was evaluated separately and was also classified as carcinogenic to humans (Group 1).

The IARC evaluation showed an increasing risk of lung cancer with increasing levels of exposure to particulate matter and air pollution. Although the composition of air pollution and levels of exposure can vary dramatically between locations, the conclusions of the Working Group apply to all regions of the world.

#### A major environmental health problem

Air pollution is already known to increase risks for a wide range of diseases, such as respiratory and heart diseases. Studies indicate that in recent years exposure levels have increased significantly in some parts of the world, particularly in rapidly industrializing countries with large populations. The most recent data indicate that in 2010, 223 000 deaths from lung cancer worldwide resulted from air pollution. <sup>2</sup>

#### The most widespread environmental carcinogen

"The air we breathe has become polluted with a mixture of cancer-causing substances," says Dr Kurt Straif, Head of the IARC Monographs Section. "We now know that outdoor air pollution is not only a major risk to health in general, but also a leading environmental cause of cancer deaths."

The IARC Monographs Programme, dubbed the "encyclopaedia of carcinogens", provides an authoritative source of scientific evidence on cancer-causing substances and exposures. In the past, the Programme evaluated many individual chemicals and specific mixtures that occur in outdoor air pollution. These included diesel engine exhaust, solvents, metals, and dusts. But this is the first time that experts have classified outdoor air pollution as a cause of cancer.

"Our task was to evaluate the air everyone breathes rather than focus on specific air pollutants," explains Dr Dana Loomis, Deputy Head of the Monographs Section. "The results from the reviewed studies point in the same direction: the risk of developing lung cancer is significantly increased in people exposed to air pollution."

#### IARC Monographs evaluations

Volume 109 of the IARC Monographs is based on the independent review of more than 1000 scientific papers from studies on five continents. The reviewed studies analyse the carcinogenicity of various pollutants present in outdoor air pollution, especially particulate matter and transportation-related pollution. The evaluation is driven by findings from large epidemiologic studies that included millions of people living in Europe, North and South America, and Asia.

**\*\*** "World Health Organization(WHO)" PRESS RELEASE 17 October 2013

<u>Particulate matter(Fine Dust)</u> which is a major component of outdoor air pollution was classified as carcinogenic to humans (**Group 1**)

The IARC evaluation showed an increasing risk of lung cancer with increasing levels of exposure to particulate matter (Fine Dust)

\* Group 1: The agent is carcinogenic to humans. This category is used when there is sufficient evidence of carcinogenicity

\* We should realize the serious damage to health of Bacterial fine dust off from the bills which bank tellers breathe in and out everyday that it can cause the high risk of CANCER DEATHS

# BILL! CONTAMINANTS BEYOND IMAGINATION

# **BILL CONTAMINANTS!**

# **BEYOND IMAGINATION**

Bill contains...

**Bacterial Fine Dust** And over 3,000 different t ypes of germs such as vir us, bacteria, food borne p athogens, etc.

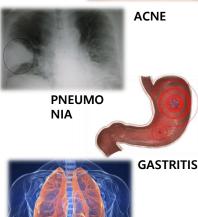


MERS, SWINE FLU

















**BACTERIA** 

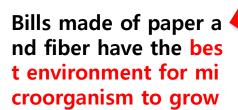


**SPIT** 

**ENS** 



**FINE DUST** 



### NEEDS FOR BILL STERILIZER & APPLICATI

## **Needs for PLASMA MONEY STERILIZER**

- · Publication of NYU: Bills have the environment for microorga nism to live in, furthermore contaminants don't live there, but p roliferate, so over 3,000 types of germs such as virus, bacteria, g eneral germs, mold, etc are found there.
- Disease prevention of financial institute's employees and National health protection due to contamination of bills
- Sanitary matters, dust removal
- Removal of unknown contaminants on bills



























- Bank tellers working in bank and financial institutes
- All employees in financial institute handling money were the sure



• All people handling bills (Mart, Department store, Casino, etc) 224 244 25













#### **FUNCTIONS**

# World First Open-Sterilizer **Different only one Developed**Sterilization and Removal of Bacterial fine dust upon counting bills... 20 sec. - 9 8% / 30 sec. - 99.9%





- Sterilization
- Dedusting/Deodorizing/Decontaminating
- Quick sterilization using Plasma ion cluster
- Sterilization upon counting bills
   (20 sec- 98% / 30 sec 99.9% Sterilization)
- Sterilization harmless to human body
- Hand Sterilization

When counting bills, Plasma ion cluster penetrates between bills and s terilizes bills

Applied HEPA filter to remove fine dust(PM2.5) on bills

Tilted slot, ergonomic design - Easy to insert bills and shoot by camera

High efficiency sterilizing design

PLASMA MONEY STERILIZER operates by auto recognition upon inserting bills

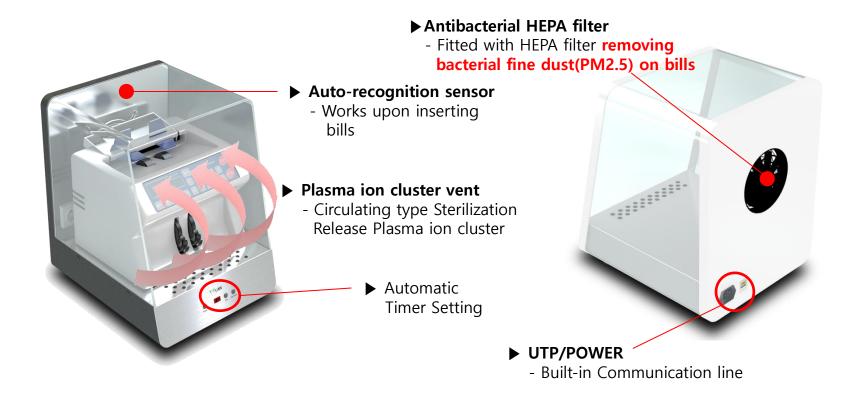
Semi-permanent high efficiency PLASMA MONEY STERILIZER

Built-in communication UTP and POWER line

Automatic sterilization timer setting

Low maintenance cost

# FUNCTIONS AND SPECIFICATION



INPUT	AC 110V~260V 50/60Hz	AC 110V~260V 50/60Hz	AC 110V~260V 50/60Hz
OUTPUT	DC 12V 6.3A	DC 12V 6.3A	DC 12V 6.3A
AUTOMATIC WORKING TIME	10/20/30 SEC	10/20/30 SEC	10/20/30 SEC
DIMENSION	W293XD432XH382	W325XD435XH435	W388XD466XH475

# TEST REPORT (30 SEC)





(Registered Copy)

196, Aegibong-ro, Wolgot-myeon, Gimpo-si, Gyeonggi-do, 415-873 Rep. of TEL 82-31-999-3000 FAX 82-31-999-3001 KOREA

Report No: TBH-001332 Client : Myung-Soo Baek SMI CO., LTD

Receipt Date: Nov.14.2014 Test Completion Date : Dec.23.2014

30, Deodudanji-2Gil, Dongnae-Myeon, Chuncheon-Si, Kangwon-Do,

Sample : bill sterilizer

		TEST F	RESULTS						
TEST ITEM	TEST ITEM UNIT SAMPLE RESULT TEST METH								
Bactericidal test(E. coli)	CFU/Car	Initial	9.2 × 10 <sup>5</sup>	By The Client					
Bactericidal test(E, coli)	CFU/Car rier	After 30 sec	6.0 × 10 ° (99.9 %)	By The Client					
Bactericidal test(E, coli)	CFU/Car rier	After 1 min	(20 (more than 99.9 %)	By The Client					
Bactericidal test(E. coli)	CFU/Car rier	After 5 min	(20 (more than 99.9 %)	By The Client					
Bactericidal test(S.aureus)	CFU/Car	Initial	7.6 × 10 <sup>5</sup>	By The Client					
Bactericidal test(S.aureus)	CFU/Car rier	After 30 sec	2.4 × 10 ³ (99.7 %)	By The Client					
Bactericidal test(S.aureus)	CFU/Car rier	After 1 min	4.0 × 10 ° (99.9 %)	By The Client					
Bactericidal test(S,aureus)	CFU/Car rier	After 5 min	<20 (more than 99.9 %)	By The Client					
Bactericidal test(S.	CFU/Car	Initial	$1.4 \times 10^6$	By The Client					
Bactericidal test(S. typhimurium)	CFU/Car rier	After 30 sec	2.0 × 10 ³ (99.9 %)	By The Client					
Bactericidal test(S. typhimurium)	CFU/Car rier	After 1 min	6.4 × 10 ² (99.9 %)	By The Client					

- Next Page -



Prepared by Kim Jungseok Tel: +82-31-999-3193 E-mail: kimjs@ktr.or.kr

Registered copy date: Dec.29.2014

Jae-Jung Kim

Reviewed by Tae-Sung Kim Technical Manager E-mail: tskim@ktr.or.kr

Dec.23.2014

Korea Testing & Research Institute

President Chai Klyeonyk!



QR Code to verify genuineness

1 of Total 3 Page(s)

- 17	
VTTK	KOREA TESTING &
D 12"	DESEABLY INSTITUTE

Bactericidal test(E. coli)	CFU/Car rier	After 30 sec		6.0 × 10 <sup>2</sup> (99.9 %)
Bactericidal test(S.aureus)	CFU/Car rier	After 30 sec	1 1 2 3 4 4 5 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2.4 × 10 <sup>3</sup> (99.7 %)
Bactericidal test(S. typhimurium)	CFU/Car rier	After 30 sec		2.0 × 10 ³ (99.9 %)

### KUWAIT TEST REPORT



JASSIM ALWAZZAN SONS GEN. TRD. CO. w.l.l.

Food Testing Lab

مختبر فحص المواك الفك اثية

#### VERIFICATION CERTIFICATE

Certificate No.: AA/OC 115/15 Ref. No.: 180-sultan international co.

To: Sultan International Electronics Company, Kuwait.

Date of certificate

: 01 Dec 2015

Instrument details: Machine name

: Money Sterilizer : Mclean1000i

Model name Manufacturer

: SMI CO. Korea

Used for

: Banknotes sterilization.

Schedule of observations on contaminated notes fed into the note counter/sterilizer:

Solitada of Cook Taliene on Containington Hotels for the the Counterfeteringer.								
Test items	Unit	Initial	After 30Sec	Test method				
Bacterial test (E.Coli)	Cfu/carrier	6.1x10 <sup>7</sup>	4.3x10 <sup>2</sup>	ISO 16654:2001 & Bax				
Bacterial test (S.aureus)	Cfu/carrier	5.4x10 <sup>6</sup>	6.1×10 <sup>2</sup>	ISO 6888-2:1999				
Bacterial test (S.Typhimurium)	Cfu/carrier	3 1v10 <sup>5</sup>	7.8×10 <sup>2</sup>	ISO 6579:2002 & Bax				

Reference material used for verification.

SII	Microbial positive control	Code no.	Expiry date	
01	E.coli	ATCC 8739	02.2017	
02	Pseudomonas aeruginosa	ATCC 9027	02.2017	
03	Salmonella typhimurium	ATCC 14028	02.2017	

Sterilization / 30 Sec.

99.98% Staphylococcus aureus

99.74% Salmonella typhimurium

UUT(Unit Under Test) met the claims made by the manufacturer

#### Comment:

We hereby certify that the instrument listed above UUT met the claims made by the manufacturer. Verification has been performed using measurements traceable to national/international references standards via NIST. UKAS, NAMAS or other certificates with some accepted performance adjusted locally to SPECIFICATIONS.

PROCEDURE USED: AA/EV.148A

ACTIVE SEP-2005

Date of certification: - 01 Dec 2015



Approved by:-Said Azzam Lab. Technical Manager

# KOREA PATENT, CE MARKING



CERTIFICATE OF PATENT

특허

제 10-1545608 호

출원번호

제 10-2014-0072845 호

会別な

2014년 06월 16일

등목일

2015년 08월 12일

발명의 명칭 Title of the Invention 계수기 수납형 지폐 소독기

특허권자 Fatentee 주식회사 에스엠아이(144911-0\*\*\*\*\*)

강원도 춘천시 동내면 거두단지2길 30

백명수(671226-1\*\*\*\*\*)

강원도 춘천시 우석로101번길 86 대우아파트 106동 1502호

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



2015년 08월 12일

특허청장 COMMISSIONER, KOREAN INTELLECTUAL PROPERTY OFFICE







◆ CERTIFICAT

◆ CERTIFICADO

CEPTUФИКАТ

認證證書

CERTIFICATE +

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ZERTIFIKAT



#### **Attestation of Conformity**

No. E8A 101728 0001 Rev. 00

Holder of Certificate: SMI CO., LTD

24, Geodudanji 2-gil, Dongnae-myeon Chuncheon-si, Gangwon-do 24398 REPUBLIC OF KOREA

Name of Object:

Sterilisation equipment (Money Sterilizer)

SMI-Mclean1000

Model(s): Description of

according to:

Rated input voltage: Rated frequency:

110-260 V a.c. 50/60 Hz

Object: Tested

EN 61000-6-3:2007/A1:2011 EN 61000-6-1:2007 EN 61000-3-3:2013

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.:

KST-CEE-180069

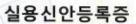
Date 2018-11-21

After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TUV®

# KOREA PATENT, CHINA PATENT



제 20-0478413 호

출원변호

제 20-2015-0004961 호

988 등목일 2015년 07월 23일

2015년 09월 24일

고만의 명칭 Title of the Device

이온클러스트를 이용한 계수기 수납형 지폐 소독기

실용선안권자 Owner of the Utility Model Right

주식회사 에스엠아이(144911-0\*\*\*\*\*) 강원도 춘천시 동내면 거투단지2길 30

고만자 Devise

백명수(671226-1\*\*\*\*\*)

강원도 춘천시 우석로101반길 86 대우아파트 106동 1502호

위의 고안은 「실용신안법」에 따라 실용신안등록원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Utility Model Act, a utility model for the device has been registered at the Korean Intellectual Property Office.



2015년 09월 24일

특허청장 COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE



证书号第4547703号





#### 实用新型专利证书

实用新型名称: 容纳计数器型纸币消毒机

发 明 人: 白明洙

专 利 号: ZL 2015 2 0249123.9

专利申请日: 2015年04月23日

专 利 权 人: 株式会社 SMI

授权公告日: 2015年08月19日

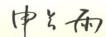
本实用新型经过本局依照中华人民共和国专利法进行初步审查、决定授予专利权、颁 发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为十年,自申请日起算。专利权人应当依照专利法及其实施细则 规定缴纳年费。本专利的年费应当在每年04月23日前缴纳。未按照规定缴纳年费的,专 利权自应当缴纳年费期满之日起终止。

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#### 

局长 申长雨

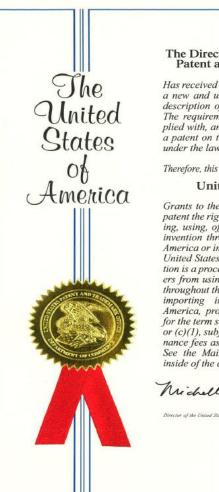




第1页(共1页)

# JAPAN PATENT, USA PATENT





#### The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

#### **United States Patent**

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Michelle K. Lee

Director of the United States Patent and Trademark Office

# MIDDLE EAST PATENT, TEST REPORT

PATENT OFFICE OF THE COOPERATION COUNCIL FOR THE ARAB STATES OF THE GULF

IPC No:



سند وثائق واردة لمكتب براءات الاختراع لمجلس التعاون

تاريخ الإيداع: 2015/12/20

التعاون في دورته العشرين بشاريخ 27 - 29 نوفمبر 1999م والاعته التنفينية المقرة من المجلس الوزاري في دورته ( رقم التصنيف الدولي:

74 ) بتاريخ 8-9 ابريل 2000م طبقا للبيانات المدونة أدناه .

1- اسم الاختراع : جهاز تعقيم أوراق نقدية يمكن تحميله بآلة عد باستخدام مجموعات أيونية

Title of Invention: COUNTING MACHINE-LOADABLE BILL STERILIZER USING ION CLUSTERS

2 - اسم مقدم الطلب [ ] دنس مين. ( x ] دنس عبريه)، إس إم آي كو.، ليند.

Applicant's Name: SMI CO., LTD

3- اسم المخترع: بايك ، ميونج سو

Inventor's Name : BAEK, Myung Soo 4- اسم الوكيل: الحامر/ عمد بن صالح العطيشان

	عدد ال	وثائق		9				
البيان	المطلوب	المطلوب	المرفق	كتابة		رقمأ		ملاحظات
			عربى	انجليزي	عربي	انجليزي		
الوصف التغصيل 064A	1	1	(4)		10	16		
عناصر الحماية	1	1			3	4		
الرسوم التوضيحية	1	1			1	1		
الملخص	1	1			1			
<ol> <li>مستخرج السجل التجاري * (رحسب عند مقدمي الطلبات))</li> </ol>	1	1			1	1		
<ol> <li>مستد تنازل المخترع لعقدم الطلب عن الاختراع (الملكية) ((حسب عدد المخترعين))</li> </ol>	1	0			2	4		
<ol> <li>مند الوكالة * (( حسب عدد مقدمي الطلبات))</li> </ol>	1	0			2	4		
THE RESIDENCE OF THE PARTY OF T	1	0			0	0		
<ol> <li>موافقة المخترع الآخر إذا كان الاختراع يعتمد</li> </ol>	0	0			0	0		
6 . تحيد :	0	0			0	0		
مجموع الصفحات						8		
	الوصف الغضيا 064.4 المحابة عاصر الحماية عاصر الحماية السلامي الرسوم الموسيحة الملاقص المحابق	البيان المطلوب المطلوب المطلوب المطلوب المطلوب عدد الا المطلوب عادم المطلوب عادم المطلوب عادم المطلوب المستخرج المستخرح	المطلوب البروقي المطلوب البروقي المطلوب البروقي الموقي المحامل 1 1 064A الموقي المحامل 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	البيان الموفق المطلوب الموفق كا المطلوب الموفق كا الموفق المصف المصف المصل المصف المصل المصف ال	عدد الصالب المرفق كتابة المطلوب المرفق كتابة المطلوب المرفق كتابة الصالب المرفق التحليزي التحليزي المرفق التحليزي المرفق المحلوب المربو المورسيعية 1 1 1 الملخيض 1 1 1 الملخيض 1 1 1 الملخيض 1 1 1 الملخيض 1 1 0 الملخيض 1 0 0 الملخين الإخراج المحلوب عند منعم الطبابي الاخراج المنعم الطباب عن 1 0 0 الملخية المحلوب الملب عدد المخرص الملب عدد المخرص الملب الملكية المحلوب الملكية المحلوب الملكية الملكية المحلوب الملكية	البيان المفاوت المؤفق المؤفقة المؤفق	البيان المفاوب المؤتى كتابة رفق المفاوب المؤتى كتابة رفقا المفاوب المؤتى كتابة رفقا المغاوب المؤتى عربي التجليزي عربي التجليزي عربي التجليزي عربي التجليزي المجالية 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



العلاحظات . مع تعبلة خانة عدد الصفحات بـ صفر .

نموذج رقم : (1) / ع

#### 시험성적서

성적서번호: CT17-061432

7.	Al	험	결	과

			시험 결과			
Alt	험 항목	가동 전 농도 (CFU/㎡)	가동 후 농도 (CFU/㎡)	세균감소율 (%)	시험방법	시험환경
부유미생물 저감 시험	SMI-MCARE	1.3 × 10 <sup>4</sup>	< 10	99.9	의뢰자 제시	(23.0 ± 0.2) °C (50.3 ± 0.5) % R.H.

₩ CFU : Colony Forming Unit

※ 시험균주 : 대장균 (Escherichia coli ATCC 25922)

※ 챔버크기:8 ㎡

※ 측정장비: MAS-100 NT (MERCK, 유량: 100 L/min)

\* 시료 : 제품[SMI-MCARE]

※ 가동시간 : 2 시간

※ 결과값 농도 : Feller Conversion Table 적용

☀ 의뢰자제시조건 : 챔버 내부에 일정 농도의 시험균주를 분사시키고 시료를 2시간 동안 작동시킨 후 세균감소율 측정.

\* 챔버환경 및 채취방법 : KS | 2008:2013 준함

총 4페이지 중 2페이지

양식QP-20-01-06(4)





