

Republic of the Philippines
 Department of Agriculture
 BUREAU OF ANIMAL INDUSTRY
 LABORATORY SERVICES DIVISION
 NATIONAL ANIMAL DISEASE DIAGNOSTIC LABORATORY
 U.P. Diliman, Quezon City

CLINICAL LABORATORY REPORT

LABORATORY REPORT NO. 2861 DATE RECEIVED October 6, 1992
 OWNER SANICON INC. DATE REPORTED October 12, 1992
 ADDRESS _____ SENDER _____

SPECIMEN MD LIQUID Disinfectant SPECIES _____
 AGE _____ SEX _____ BREED _____
 REQUESTED EXAMINATION(S) _____

HISTORY: _____

| <u>Sample</u> | <u>Test Organisms</u> | <u>Test Method</u> | <u>Effect of Sample</u> |
|------------------------|-------------------------------|--------------------|-------------------------|
| MD Liquid disinfectant | <u>Staphylococcus aureus</u> | Use - Dilution | No Growth |
| 1:100 | <u>Pseudomonas aeruginosa</u> | Use - Dilution | No Growth |
| 1:1000 | | | |
| 1:10,000 | | | |

DIAGNOSIS:

TESTED BY:

Marie V. Abenes
 MARIE V. ABENES, DVM
 ADS

FOR THE DIRECTOR OF ANIMAL INDUSTRY

REMARKS:

CHIEF, LABORATORY SERVICES DIVISION

CARDINAL SANTOS MEDICAL CENTER
Wilson St., Greenhills, San Juan, Metro Manila

PRODUCT EVALUATION SHEET

Date of Evaluation: Oct. 21/03 Evaluation Sheet No.: _____
SUPPLIER: Sanitation Concepts, Inc. PROD./BRAND NAME: MD/SDS
REPRESENTATIVE: _____

| PRODUCT / S | Size | Acceptable | Not Acceptable | REMARKS |
|--|------|-------------------------------------|--------------------------|---|
| <u>MD Sterilizing & Disinfecting Solution (MD/SDS)</u> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>> users friendly > not irritating to use</u> |
| | | | | |
| | | | | |
| | | | | |

Evaluated by: [Signature]
Using Dept./Section _____

Noted by: [Signature]

Approved by: _____

CARDINAL SANTOS MEDICAL CENTER
Wilson St., Greenhills, San Juan, Metro Manila

PRODUCT EVALUATION SHEET

Date of Evaluation: _____ Evaluation Sheet No.: _____
SUPPLIER: SANITATION CONCEPTS, Inc. PROD./BRAND NAME: _____
REPRESENTATIVE: _____

| PRODUCT / S | Size | Acceptable | Not Acceptable | REMARKS |
|--|------|-------------------------------------|--------------------------|---------|
| <u>MD Sterilizing & Disinfecting Solution (MD/SDS)</u> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| | | | | |
| | | | | |
| | | | | |

Evaluated by: [Signature]
Using Dept./Section _____

Noted by: [Signature]

Approved by: _____

PHILIPPINE CHILDREN'S MEDICAL CENTER
Quezon Avenue, Quezon City

MICROBIOLOGY ROUTINE STAT

REQUESTED BY: DR Leonardo Cua DATE REQUESTED: 11/10/02 NAME: Soaking Solution X (M.D.)

DATE OF REPORT: 11/22/02 HOSPITAL RECORD NO. O P D NO. AGE: SEX: WARD/RM. NO. OR

DIAGNOSIS: surveillance test SPECIMEN: stainless pin ORGANISM: 1) **GROWTH AFTER 2 days INCUBATION**

| | 1 | 2 | | 1 | 2 | | 1 | 2 |
|--------------------|---|---|-------------------------|---|---|-----------------------------|---|---|
| Amikacin | | | Chloramphenicol | | | Sulbactam Ampicillin | | |
| Gentamicin | | | Clindamycin | | | Carbenicillin | | |
| Cefoxitin | | | Erythromycin | | | Ticarcillin/Clavulanic Acid | | |
| Cefotetan | | | Lincomycin | | | Nalidixic Acid | | |
| Netilmicin | | | Nitrofurantoin | | | Nystatin | | |
| Cephalexin | | | Penicillin | | | Norfloxacin | | |
| Cephalothin | | | Ampicillin | | | Ofloxacin | | |
| Cefaclor | | | Amoxycillin | | | Rifampin | | |
| Cefamandole Nafate | | | Clavulanic Acid | | | Trimethoprim | | |
| Cefuroxime | | | Aztreonam | | | Sulfamethoxazole | | |
| Cefepime | | | Vancomycin | | | Imepenem | | |
| Cefotaxime | | | Piperacillin | | | Ciprofloxacin | | |
| Ceftriaxone | | | Piperacillin/Tazobactam | | | Cefazolin | | |
| Ceftazidime | | | Oxacillin | | | Ceftizoxime | | |

OTHERS: **FINAL**

MED. TECHNOLOGIST: **ANABELLA**

PATHOLOGIST: **MUNDO W. LO, M.D.**
Head, Dept. of Pathology

S - Sensitive I - Intermediate R - Resistant

PHILIPPINE CHILDREN'S MEDICAL CENTER
Quezon Avenue, Quezon City

MICROBIOLOGY ROUTINE STAT

REQUESTED BY: DR Leonardo Cua DATE REQUESTED: 11-19-02 NAME: SOAKING SOLUTION (X) MD

DATE OF REPORT: 11-21-02 HOSPITAL RECORD NO. O P D NO. AGE: SEX: WARD/RM. NO. OR

DIAGNOSIS: SURVEILLANCE TEST SPECIMEN: STAINLESS PIN ORGANISM: 1) **NO GROWTH AFTER 24 hrs. INCUBATION**

| | 1 | 2 | | 1 | 2 | | 1 | 2 |
|--------------------|---|---|-------------------------|---|---|-----------------------------|---|---|
| Amikacin | | | Chloramphenicol | | | Sulbactam Ampicillin | | |
| Gentamicin | | | Clindamycin | | | Carbenicillin | | |
| Cefoxitin | | | Erythromycin | | | Ticarcillin/Clavulanic Acid | | |
| Cefotetan | | | Lincomycin | | | Nalidixic Acid | | |
| Netilmicin | | | Nitrofurantoin | | | Nystatin | | |
| Cephalexin | | | Penicillin | | | Norfloxacin | | |
| Cephalothin | | | Ampicillin | | | Ofloxacin | | |
| Cefaclor | | | Amoxycillin | | | Rifampin | | |
| Cefamandole Nafate | | | Clavulanic Acid | | | Trimethoprim | | |
| Cefuroxime | | | Aztreonam | | | Sulfamethoxazole | | |
| Cefepime | | | Vancomycin | | | Imepenem | | |
| Cefotaxime | | | Piperacillin | | | Ciprofloxacin | | |
| Ceftriaxone | | | Piperacillin/Tazobactam | | | Cefazolin | | |
| Ceftazidime | | | Oxacillin | | | Ceftizoxime | | |

OTHERS: **PRELIM**

MED. TECHNOLOGIST: **ANABELLA**

PATHOLOGIST: **MUNDO W. LO, M.D.**
Head, Dept. of Pathology

S - Sensitive I - Intermediate R - Resistant



Republic of the Philippines
Department of Science and Technology
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
(Formerly National Institute of Science and Technology)
STANDARDS AND TESTING DIVISION
Gen. Santos Ave., Bicutan, Taguig, Metro Manila 1631

Fax No.: (632) 837-31-67 / 837-00-32

Tel. No.: 837-20-71 to 82
local 2188, 2189

TEST REPORT

Request Reference No.: 01-97-0691
Date Submitted : January 14, 1997
Date Reported : January 27, 1997
Sample Submitted as : MD Liquid Disinfectant
Sterilizing and Disinfecting Solution
Submitted by : Sanitation Concepts, Inc.
Manufactured by: Henkel Phils.
44 Topaz St., Doña Juana Subd.,
Rosario, Pasig

Test for Disinfectant Property
(AOAC Test Method)

| Sample/ Dilution | Test Organism | Test Method | Effect of Sample |
|------------------------------------|-------------------------------|--------------|---------------------|
| MD Liquid Disinfectant 1:100 | <u>Staphylococcus aureus</u> | Use-Dilution | No Growth |
| | <u>Bacillus subtilis</u> | Use-Dilution | No Growth |
| | <u>Escherichia coli</u> | Use-Dilution | No Growth |
| | <u>Pseudomonas aeruginosa</u> | Use-Dilution | No Growth |

REMARKS :

The results given in this report are those obtained at the time of examination on the particular sample/s submitted and should not be used for advertising purposes or sales promotions nor as basis for Tariff or Customs Classification of imported commodities.

Ingrid Ll. Banal
INGRID LL. BANAL
Senior Science Research Specialist

Felicitia P. Fojas
FELICITA P. FOJAS
Head, Microbiology Laboratory

NOTED BY:

Eulalia J. Venzon
EULALIA J. VENZON, M.D.
Chief





February 5, 2003

Page 1 of 1
FASL Report No. 03-022

REPORT OF ANALYSIS

Client Name : Ricky Choy/Sanitation Concepts, Inc.
Address : 44 Topaz Street, DJS, Pasig City
Date Submitted : January 29, 2003
Sample : Sanitizing/Disinfecting Solution
Lab. Ref. No. : MIC-03-009


| SAMPLE DESCRIPTION | MICROBIOLOGICAL PARAMETERS | RESULT | METHOD USED | DATE OF ANALYSIS | ANALYST |
|----------------------------------|------------------------------|-------------------|---------------------------|------------------|-----------------------------------|
| Sanitizing/Disinfecting Solution | Mold and Yeast Count (CFU/g) | $< 1 \times 10^1$ | BAM-FDA, 1995/Rev. A 1999 | 01-31-2003 | J.C. Castillo/ M.SA. Aguinaldo |

This report is based on the sample received and analyzed by this office and is of no value for advertising purposes or sales promotion nor as basis for tariff or customs classification of imported commodities. This report shall not be reproduced except in full without the approval of the Food and Nutrition Research Institute.

Checked by:


AMELIA F. LOZADA
Science Research Specialist II
Med.Tech. License No. 4256

Approved by:


TERESITA R. PORTUGAL
Supervising Sc. Res. Specialist
Chemist License No. 3308

Noted by:


CORAZON V.C. BARBA, Ph.D.
Director





Livestock Industries
Australian Animal Health Laboratory (AAHL)
5 Portarlington Road, Geelong VIC 3220
Postal Address: Private Bag 24
Geelong, VIC 3220 Australia
www.csiro.au/aaahl
ABN 41 687 119 230

Tel: +61 3 5227 5000
Fax: +61 3 5227 5555

NATA Accreditation - 13548

Diagnostic Specimen Testing

Final Report

Sanitation Concepts Inc.
Attn: Dr E V Choy
44 Topaz Street
DJS Rosario
PASIG CITY PHILIPPINES

SAN : 08-01800
Date : 23-MAY-2008

| | | |
|---------------------------------------|---|------------------------------|
| Sender | Dr E V Choy Sanitation Concepts Inc. | Ref : Not Advised |
| Owner | Not Advised | |
| | PHILIPPINES | |
| Examination requested | Virus Isolation | |
| Sample Information as provided | Detergent Product | |
| Sample Collection Date | | Received at AAHL 21-MAY-2008 |

Isolation Results

Test Type: Avian Haemagglutinating Virus Isolation **Date Tested: 23 May 2008**

| No. | Specimen ID | Specimen Description | Test Result |
|-----|-------------|-------------------------------------|--------------------------------------|
| 1 | MD/SDS | Species Unspecified - Anti Viral | No Haemagglutinating Agents Detected |

COMMENTS

The product "MD Sterilizing and Disinfecting Solution" (MD/SDS) was tested for virucidal activity against a human isolate of H5N1 highly pathogenic avian influenza virus strain from Vietnam. The product was used at the recommended working dilution of 1:200 to treat A/Vietnam/1203/2004 H5N1 virus at 37°C for four hours. The "MD/SDS" treated virus was inoculated into specific pathogen free embryonated chicken eggs, these being the most sensitive culture system for H5N1 viruses. After treatment no residual infectious virus was detected, indicating that "MD/SDS" can inactivate H5N1 avian influenza virus under the conditions of this trial.

Yours faithfully

Axel Colling - Veterinary Pathologist Diagnostician
Approved Signatory

JOSE B. LINGAD MEMORIAL GENERAL HOSPITAL
REGIONAL HEALTH OFFICE NO. 3
SAN FERNANDO, PAMPANGA

DIAGNOSIS

SPECIMEN SOURCE: FORCEP SOEKED IN MD

Report: Initial Final DISINFECTANT Date _____ Time _____

E R

Family Name _____ First Name _____ M.I. _____

Bill No. _____ Age _____ Sex _____

Address _____ Ward _____

Requested by _____

SMEAR:

Grams Stain

India Ink

KOH

AFB

Anaerobic

RESULT:

No growth after 5 days of incubation.

10/22/01
Date Reported

SALOME N. PARSIMON, RMT
LICENSE # 10331
Medical Technologist

Carlota B. Manzano, MD, FPSP
Pathologist

LAL FORM 1



Lung Center of the Philippines
QUEZON AVENUE, QUEZON CITY

Specimen No. TB-2382

Name: SOAKING SOLUTION Age: _____ Sex: _____ () Routine () STAT
Requested by: c/o Pulmonary Dept. Date Received: Received/
Hospital Record No. _____ () OPD () In Patient Ward & Ery, No _____

MISCELLANEOUS

Specimen & Source: Soaking Solution
Examination Desired: TB CULTURE (BACTEC)

Result: NO GROWTH AFTER 8 WEEKS OF INCUBATION

released: 1-30-03
Date Performed: _____
Medical Technologist: [Signature] RN-T
Pathologist: Nella Tar-Do MD M.D.

LAL FORM 1



Lung Center of the Philippines
QUEZON AVENUE, QUEZON CITY

Specimen No. _____

Name: Pulmonary Soaking Solution Age: _____ Sex: _____ () Routine () STAT
Requested by: Ms. Gilda Villalon Date Received: Received/
Hospital Record No. _____ () OPD () In Patient Ward & Ery, No _____

MISCELLANEOUS

Specimen & Source: Pulmonary Soaking Solution
Examination Desired: Gram's stain, Ordinary c/s and Fungal Culture

Result: Gram's stain : No microorganism seen.
Culture : No growth after 72 hours of incubation.
Fungal culture: No growth after 1 month of incubation.

released: 1-7-03
Date Performed: _____
Medical Technologist: [Signature] RN-T
Pathologist: Nella Tar-Do MD M.D.

NATIONAL KIDNEY & TRANSPLANT INSTITUTE
East Avenue, Quezon City

| | | | | | | | | | | | | | | |
|---|----------------|---------------|---------|------------------------------|------------|------------|-----------------|---|---|---|---|---|---|---|
| MICROBIOLOGY | Date Requested | Requested by: | STAT | Hosp. # | | | | | | | | | | |
| | | | ROUTINE | | | | | | | | | | | |
| KIRBY-BAUER METHOD | | | | Surname: <u>Surveillance</u> | | | | | | | | | | |
| | | | | Given Name: <u>opd</u> | | | | | | | | | | |
| S: SENSITIVE I: INTERMEDIATE R: RESISTANT | | | | Age/Sex: | | | | | | | | | | |
| Antibiotic | S | I | R | S | I | R | Antibiotic | S | I | R | S | I | R | Ward/Room #: |
| Amikacin | | | | | | | Erythromycin | | | | | | | Transplant <input type="checkbox"/> |
| Amox/Ampicillin | | | | | | | Gentamicin | | | | | | | Non-Transplant <input type="checkbox"/> |
| Cephalexin | | | | | | | Imipenem | | | | | | | |
| Cephalothin | | | | | | | Netilmicin | | | | | | | |
| Cefamandole | | | | | | | Nitrofurantoin | | | | | | | SPECIMEN/SITE <u>suture scissor/05s</u> |
| Cefaclor | | | | | | | Norfloxacin | | | | | | | () CULTURE (x) C/S |
| Cefoxitin | | | | | | | Oxacillin | | | | | | | () AEROBIC () ANAEROBIC |
| Cefuroxime | | | | | | | Pefloxacin | | | | | | | RESULT : |
| Cefotaxime | | | | | | | Penicillin G | | | | | | | <u>No growth after 24 hours of incubation</u> |
| Cefoperazone | | | | | | | Piperacillin | | | | | | | |
| Ceftriaxone | | | | | | | Sulbactam/Ampi. | | | | | | | |
| Ceftazidime | | | | | | | Tetracycline | | | | | | | |
| Chloramphenicol | | | | | | | Ticarcillin | | | | | | | |
| Ciprofloxacin | | | | | | | Tobramycin | | | | | | | |
| Clindamycin | | | | | | | Vancomycin | | | | | | | |
| Cloxacillin | | | | | | | | | | | | | | |
| Co-trimoxazole | | | | | | | | | | | | | | |
| Co-amoxyclav. | | | | | | | | | | | | | | |
| | | | | Date Released | 9-12-00mcc | Med. Tech. | Pathologist | | | | | | | |

NATIONAL KIDNEY & TRANSPLANT INSTITUTE
East Avenue, Quezon City

| | | | | | | | | | | | | | | |
|---|----------------|---------------|---------|------------------------------|------------|------------|-----------------|---|---|---|---|---|---|---|
| MICROBIOLOGY | Date Requested | Requested by: | STAT | Hosp. # | | | | | | | | | | |
| | 9-5-00 | Borroneo | ROUTINE | | | | | | | | | | | |
| KIRBY-BAUER METHOD | | | | Surname: <u>Surveillance</u> | | | | | | | | | | |
| | | | | Given Name: <u>opd</u> | | | | | | | | | | |
| S: SENSITIVE I: INTERMEDIATE R: RESISTANT | | | | Age/Sex: | | | | | | | | | | |
| Antibiotic | S | I | R | S | I | R | Antibiotic | S | I | R | S | I | R | Ward/Room #: |
| Amikacin | | | | | | | Erythromycin | | | | | | | Transplant <input type="checkbox"/> |
| Amox/Ampicillin | | | | | | | Gentamicin | | | | | | | Non-Transplant <input type="checkbox"/> |
| Cephalexin | | | | | | | Imipenem | | | | | | | |
| Cephalothin | | | | | | | Netilmicin | | | | | | | |
| Cefamandole | | | | | | | Nitrofurantoin | | | | | | | SPECIMEN/SITE <u>pick-forcep/06 s</u> |
| Cefaclor | | | | | | | Norfloxacin | | | | | | | () CULTURE (x) C/S |
| Cefoxitin | | | | | | | Oxacillin | | | | | | | () AEROBIC () ANAEROBIC |
| Cefuroxime | | | | | | | Pefloxacin | | | | | | | RESULT : |
| Cefotaxime | | | | | | | Penicillin G | | | | | | | <u>No growth after 24 hours of incubation</u> |
| Cefoperazone | | | | | | | Piperacillin | | | | | | | |
| Ceftriaxone | | | | | | | Sulbactam/Ampi. | | | | | | | |
| Ceftazidime | | | | | | | Tetracycline | | | | | | | |
| Chloramphenicol | | | | | | | Ticarcillin | | | | | | | |
| Ciprofloxacin | | | | | | | Tobramycin | | | | | | | |
| Clindamycin | | | | | | | Vancomycin | | | | | | | |
| Cloxacillin | | | | | | | | | | | | | | |
| Co-trimoxazole | | | | | | | | | | | | | | |
| Co-amoxyclav. | | | | | | | | | | | | | | |
| | | | | Date Released | 9-12-00mcc | Med. Tech. | Pathologist | | | | | | | |



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
NATIONAL MEAT INSPECTION COMMISSION
Visayas Ave., Diliman, Quezon City

January 19, 1996

JULIE M. CHOY
Sanicon Concepts Inc.
#44 Topas St., Dona Juana Subd.
Rosario, Pasig City

Please be informed on the following Examination Report conducted by our Laboratory.

Descriptions :


Sample - MD Hospital Grade Liquid Disinfectant

Result of Examination :


| Test Organism | Effect of Sample | Test Method |
|-------------------|------------------|----------------|
| Bacillus subtilis | no growth | Use - Dilution |
| E. coli | no growth | (1:100/1:1000) |
| Staph. aureus | no growth | |

Remarks :

The sample submitted (MD Liquid Disinfectant) applied to test organisms showed no growth at the time of examination.


DR. CRISELDA P. PAGLUANAN
Head, Laboratory Services Unit

Noted by:


MANUEL D. ROCHA
Executive Director

The production of clean, wholesome, healthy and sound meat for food is the concern of everyone.

DEPARTMENT OF HEALTH
Research Institute for Tropical Medicine

ALABANG, MUNTINLUPA, METRO MANILA, PHILIPPINES

TEL. NOS. 842-28-28 * 842-20-79 * 841-21-94 * 842-22-45 FAX No. (632)-842-22-45



July 8, 1994

Result of test conducted: Product MD liquid disinfectant (sterilizing and disinfecting agent)
 Company - Sanitation Concepts, Inc.

| MD-Liquid Disinfectant | Dilution | 5 min | 10 min | 15 min |
|--|----------|-------|--------|--------|
| 1. <i>S. aureus</i> ATCC | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | + | - | - |
| 2. <i>E. coli</i> ATCC | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 3. <i>Enterobacter cloacae</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 4. <i>Salmonella typhi</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 5. <i>Streptococcus pneumoniae</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 6. <i>Haemophilus influenzae</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 7. <i>Candida albicans</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 8. <i>Pseudomonas aeruginosa</i> ATCC | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 9. <i>Klebsiella pneumoniae</i> | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |
| | 1 : 1000 | - | - | - |
| 10. <i>Mycobacterium fortuitum</i> complex | 1 : 10 | - | - | - |
| | 1 : 100 | - | - | - |

Prepared by:

LYDIA T. SOMBRERO
 Head, Bacteriology Section

Approved by:

MA. ROSARIO Z. CAPPING, M.D.
 Head, Department of Microbiology

RIZAL MEDICAL CENTER
 Shaw Blvd., Pasig City
 Department of Laboratory Services
 MICROBIOLOGY SECTION

Patient's Name: c/o Operating Room Age: _____ Sex: _____ Status: _____

Case No.: _____ Ward: OD Physician: _____
 OPD Routine Urgent Stat

Specimen: Sanicon MD disinfectant soln. (concentrated)

SMEAR: _____

Gram Stain: _____

AFB Stain: _____

| KOH Preparation | After 5' | After 10' | After 15' |
|-------------------|----------|-----------|-----------|
| A1 Allis forcep | Negative | Negative | Negative |
| A2 Clump | " | " | " |
| A3 Pick-up forcep | " | " | " |
| A4 Needle holder | " | " | " |

Examined by: _____ RMB
 Date & Time Received: 8/18
 Reviewed by: _____
 Date & Time Reported: 8/22

NO PATHOGEN ISOLATED

THU, 14-JAN-99 10:05

SAN LAZARO HOSPITAL

+63 2 711 6979

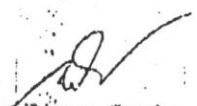
P. 01


Department of Health
SAN LAZARO HOSPITAL
Laboratory Dept.


January 05, 1999

This is the swab result of MD liquid disinfectant done in Pavilion 1-10 and E.R. Swabs are inoculated into 1 part of disinfectant to 100 part of water dated December 21, 1998 and there is no growth after 24 hours of incubation.

Next is testing the diluted disinfectant with known strain of Staph. aureus, E. coli and Sol. Typhi. Same dilution of the disinfectant inoculated with the strain of organisms above showed no growth after 24 hours of incubation dated Dec. 29-30, 1998.


Edgar Corda
Bacteriologist III


Dr. Abelardo Alera
Pathologist


Dr. Dorothy May Agdamez
Chief Laboratory Dept.

**The University of Hong Kong
Department of Microbiology
Laboratory Services**

| | | | |
|-------------------|---|--|-------------------------|
| Patient Name | : | | Enquiry Tel.: 2855 4888 |
| HKID | : | | Fax : 2855 1241 |
| Requesting Dr. | : | | |
| Hospital / Clinic | : | Sanitation Concepts, Incorporated | |
| Address | : | #44 Topaz St., DJS, Pasig City Philippines | |
| Reference no. | : | QMH/JSMP-03-01 | |
| Date of specimen | : | 5 May 2003 | |

Report on Disinfectant: MD STERILIZING & DISINFECTING SOLUTION
provided by Prof. Peiris, Department of Microbiology, HKU

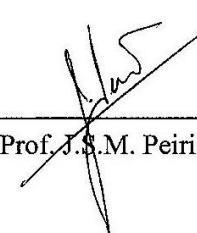
The disinfectant was diluted in tap water at dilution ranging from 8% to 0.03%.

The diluted disinfectant was tested against 10000 SARS coronavirus infectious units
for 5 minutes and residual virus viability was tested.

Dilutions of the disinfectant down to 0.5% completely inactivated the virus. (i.e. one part of
disinfectant added to 200 parts of water).

It must be kept in mind that these experiments were done in the absence of organic
matter. If organic matter inactivates the disinfectant, this factor must be considered in
interpreting these results.





Prof. J.S.M. Peiris



SAN MIGUEL FOODS, INC.
LUZON POULTRY PROCESSING OPERATION
QUALITY AND PRODUCTIVITY SERVICES
SAN FERNANDO, PAMPANGA

Record Code : LAB 02
 Accession No 02 - 021
 Page
 Date Received 01-10-03
 Date Reported 01-13-03

LABORATORY TEST REPORT

| | | | |
|-------------------|----------------------------------|-------------|--|
| Client Address | MPPP Quabianwan, San Fernando | Attention : | ERNESTO INOSA |
| Specimen: | Sanitiser and Detergent | Copies : | Five |
| Submitted by: | I. C. Zapata | Test Done : | POTENCY TESTING FOR SANITIZER AND DETERGENT |

Date of sampling : 10 January 2003
 Date tested : 10 January 2003

| SANITIZER SAMPLES | END POINT DILUTION BACTERIAL COUNT | END POINT DILUTION MOLD COUNT |
|---|---------------------------------------|----------------------------------|
| SANICON CLEANMATE | 1 : 2048 1 : 2 | 1 : 2048 1 : 2 |
| Incubated at 35 degree celcius for 24-48 hours | | |

Note : This report shall only be reproduced in full and with the written approval of the undersigned.

| | |
|--|---|
| Analyzed by: <i>[Signature]</i> I. A. REVELAR III | Approved by: <i>[Signature]</i> I. C. ZAPATA |
|--|---|

Tagum Agricultural Development Co., Inc.
 Bo. AO Florendo, Panabo City

October 16, 2001

To: MR. MIGUEL P. NIEZ

From: V.L. QUINON

Subj.: MD Liquid disinfectant as an alternative to Prophyt or Dowlcide A as disinfectant for MOKO disease control.

This disinfectant at 5% concentration when tested against the Moko bacterium (*Ralstonia solanacearum*) is as effective as Prophyt and Dowlcide A at rates used commercially for Moko disinfection. (attached data sheet). This disinfectant is available commercially in the Philippines.

Cc: AM Brias
 FJ Odio
 PR Romano
 EB Espiritu
 AP Cantil
 VP Estrada
 RLE/vm

V.L. Quinon

Another distinct application of MD/SDS. This time in the agricultural sector in the control of Bacterial Wilt or Moko disease caused by a soil borne bacterium that moves in infested soil & water, contaminated tools or via insect pests.

**University of the Philippines
NATURAL SCIENCES RESEARCH INSTITUTE
MIRANDA HALL
Microbiological Research and Services Laboratory
Southeast Corner Quirino and Velasquez Street, Diliman, Quezon City
Telephone No. 9818500 loc 3607; Telefax No. 9207730**

SERVICE REPORT

30 March 2010

Requesting Agency : Sanitation Concepts, Inc.
44 Topaz St., DJS Rosario, Pasig City
Service Requested : Percent kill testing of MDSDS against mixed bacteria in tomato plant effluent (100323j)

SAMPLES: A - 1 ml of 1:100 dilution of MDSDS mixed with 100 ml effluent
(Final mixture of 100 ppm MDSDS)
B - 1 ml of 1:300 dilution of MDSDS mixed with 100 ml effluent
(Final mixture of 33 ppm MDSDS)
C - 0.1 ml of MDSDS mixed with 100 ml effluent (with tomato peels)
(Final mixture of 1,000 ppm MDSDS)
Control : Tomato plant effluent

TEST MATERIAL: Tomato plant effluent

CONTACT TIME: Fifteen (15) minutes

METHODOLOGY:

Growth Medium: Plate Count Agar
Diluent: D/E Broth
Incubation Period: 24-48 hours for bacteria

$$\% \text{ Kill} = \frac{\text{Initial count} - \text{Final count for the test sample}}{\text{Initial count}} \times 100$$

RESULTS:

| | Count, CFU/ml | | % Kill |
|---------|-------------------|-------------------|--------|
| | Initial | Final | |
| Control | 4.0×10^3 | - | - |
| A | 4.0×10^3 | 2.2×10^2 | 94 |
| B | 4.0×10^3 | 5.0×10^2 | 88 |
| C | 4.0×10^3 | 6.1×10^2 | 85 |

REMARKS:

Samples A, B and C exhibited 94, 88 and 85 % kill, respectively, against heterotrophic bacteria in the tomato plant effluent after 15-minute contact time. The presence of organic material in the form of tomato peels in Sample C could be the probable cause of lowest percent kill in the sample despite it having the highest concentration of MDSDS.

REFERENCE:

Peeler, J.T. and L. J. Maturin. 1991. Aerobic plate count. In: Bacteriological Analytical Manual. Food and Drug Administration. 7th ed. Pp. 17-26. AOAC International, Arlington, VA, USA.

Service done by :  Sonia Sp. Bulaong

 Celia A. Cereno

 Vina B. Argayosa

Checked by :  Maria Auxilia T. Siringan

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF NATIONAL DEFENSE
PHILIPPINE VETERANS AFFAIRS OFFICE
VETERANS MEMORIAL MEDICAL CENTER
NORTH AVENUE, DILIMAN QUEZON CITY

EVALUATION OF SANICON
(STERILIZING & DISINFECTING SOLUTION)
BY
SANITATION CONCEPTS INC.

I. STAPHYLOCOCCUS AUREUS

| | |
|---------------------|--------------------|
| LESS THAN 5 MINUTES | NO APPARENT GROWTH |
| 5 MINUTES | NO APPARENT GROWTH |
| 15 MINUTES | NO APPARENT GROWTH |
| 30 MINUTES | NO APPARENT GROWTH |
| POSITIVE CONTROL | MODERATE GROWTH |
| NEGATIVE CONTROL | NO APPARENT GROWTH |

II. PSEUDOMONAS AERUGINOSA

| | |
|---------------------|--------------------|
| LESS THAN 5 MINUTES | NO APPARENT GROWTH |
| 5 MINUTES | NO APPARENT GROWTH |
| 15 MINUTES | NO APPARENT GROWTH |
| 30 MINUTES | NO APPARENT GROWTH |
| POSITIVE CONTROL | MODERATE GROWTH |
| NEGATIVE CONTROL | NO APPARENT GROWTH |

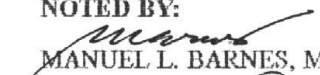
III. ESCHERICHIA COLI

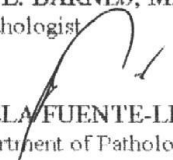
| | |
|---------------------|--------------------|
| LESS THAN 5 MINUTES | NO APPARENT GROWTH |
| 5 MINUTES | NO APPARENT GROWTH |
| 15 MINUTES | NO APPARENT GROWTH |
| 30 MINUTES | NO APPARENT GROWTH |
| POSITIVE CONTROL | MODERATE GROWTH |
| NEGATIVE CONTROL | NO APPARENT GROWTH |

IV. CANDIDA ALBICANS

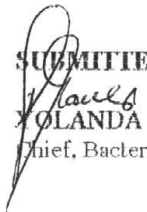
| | |
|---------------------|--------------------|
| LESS THAN 5 MINUTES | NO APPARENT GROWTH |
| 5 MINUTES | NO APPARENT GROWTH |
| 15 MINUTES | NO APPARENT GROWTH |
| 30 MINUTES | NO APPARENT GROWTH |
| POSITIVE CONTROL | MODERATE GROWTH |
| NEGATIVE CONTROL | NO APPARENT GROWTH |

NOTED BY:


MANUEL L. BARNES, M.D.
Clinical Pathologist


NONA DELA FUENTE-LEGASPI, M.D.
Head, Department of Pathology

SUBMITTED BY:


YOLANDA O. MACUSI
Chief, Bacteriology Section