

**New !**  
**Non-Alcoholic**  
**sterilization**

# 《SAKURA VIRUS CUT》

—PROPOSAL FOR MEASURES AGAINST NEW CORONAVIRUS INFECTION (COVID-19)—

Sales company : Green Load Energy Co., Ltd.  
Mfr : Three S Co., Ltd.

- 1. PRODUCT INTRODUCTION**
- 2. THE STRUCTURE OF "SKURA VIRUS CUT"  
(STERILIZATION, ANTIBACTERIAL, DEODORANT)**
- 3. DIFFERENCE BETWEEN MINERAL STERILIZING WATER  
AND ALCOHOL / HYPOCHLOROUS ACID WATER**
- 4. DATA VALIDATION**
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## **CONTENTS**

# 1. Product Introduction

## New mineral disinfectant, chemical-free: Sakura Virus Cut

■ Safe for human use. Gentle on the skin of babies.



### Element



Mineral only



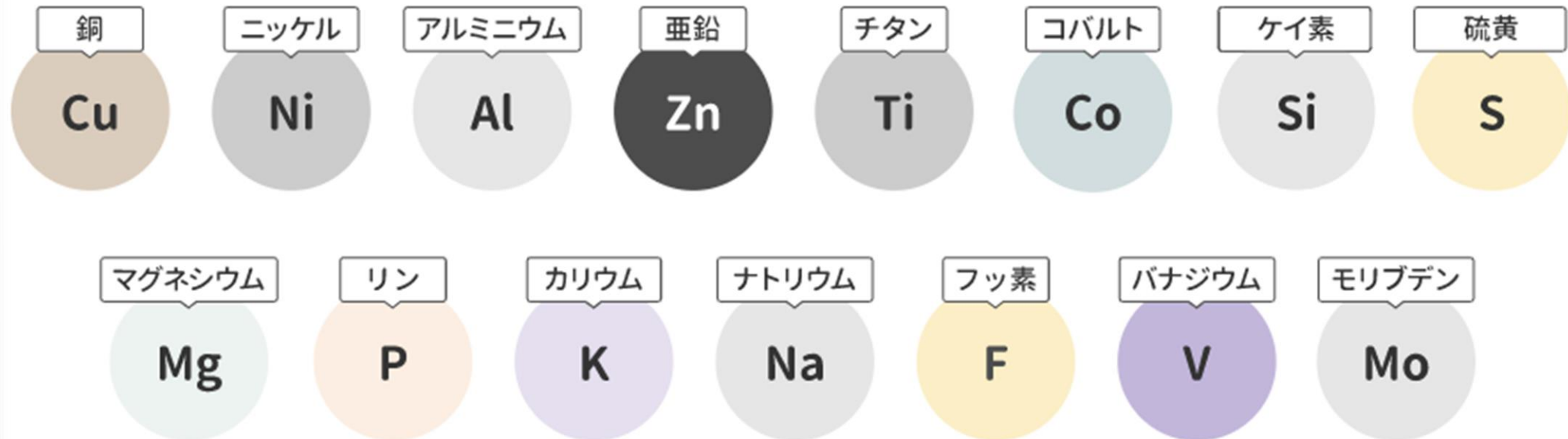
× Alcohol



× Hypochlorous  
acid water

# 1. Product Introduction

It is only 15 kinds of minerals are included.



## ※What are minerals?

Essential elements other than the four elements (carbon, hydrogen, nitrogen, oxygen) contained in general organic matter. It is counted as one of the five major nutrients along with proteins, lipids, carbohydrates and vitamins.

# ※ Remove viruses in the air with mineral server X mist circulator



Disinfectant concentrate specialized  
for electric servers



Powerful diffusion over a wide area

## ■ Aerosols stay in the air!?

Heavy droplets fall near the source.  
Some stay on the surface and light  
droplets "aerosols" stay in the air and  
are carried further.

= **Aerosol infection**



**✘ It can be sprayed in the air at anytime**



**Spray bottle (300ml)**

**Easy to carry**



**Mini virus cut (50ml)**



**Air spray bottle (300ml)**



**★ Prevent the drying of your skin**  
**★ For alcohol allergy**

**✘ Minerals are used as beauty ingredients, so your hands won't get rough.**



# ※ In this situation...

Ex)

気になる場所や物に、シュッとひと吹き。キッチンやトイレなど様々な場所で使えます。



Baby stuff



Vegetables and fruits

Around the kitchen



Chairs and tables

Doorknobs and railings

Toilet



- Hand sanitizer
- Sterilize clothing
- Air sanitization

**Mineral sterilizing water :**  
**Harmless for**  
**babies and food**

場所を問わずに、幅広いシーンで活躍！  
ノンアルコールで肌にやさしい「ミネラル除菌水」なので、  
人がいる場所でも使用できます。

大型  
商業施設



介護施設



ご家庭



保育園など



飲食店

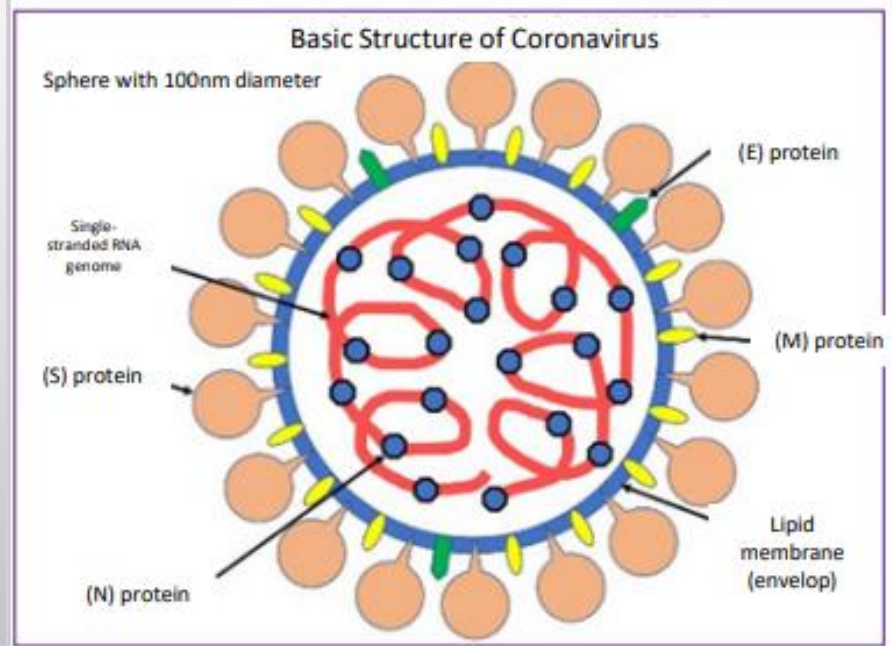


カラオケ  
ボックス

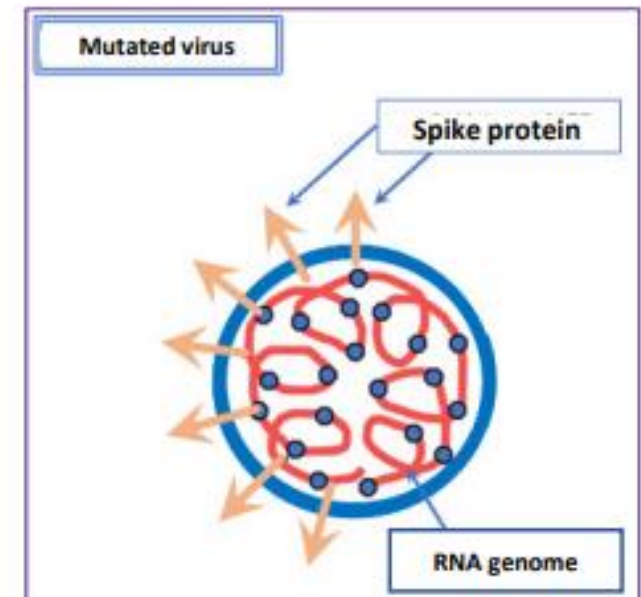
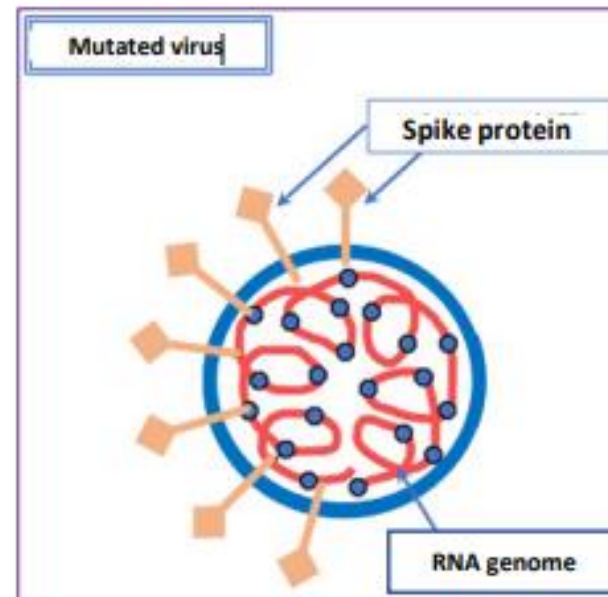


# 2. The structure of "SKURA VIRUS CUT" (Sterilization, Antibacterial, Deodorant)

## <Coronavirus>



Various Mutations  
➔



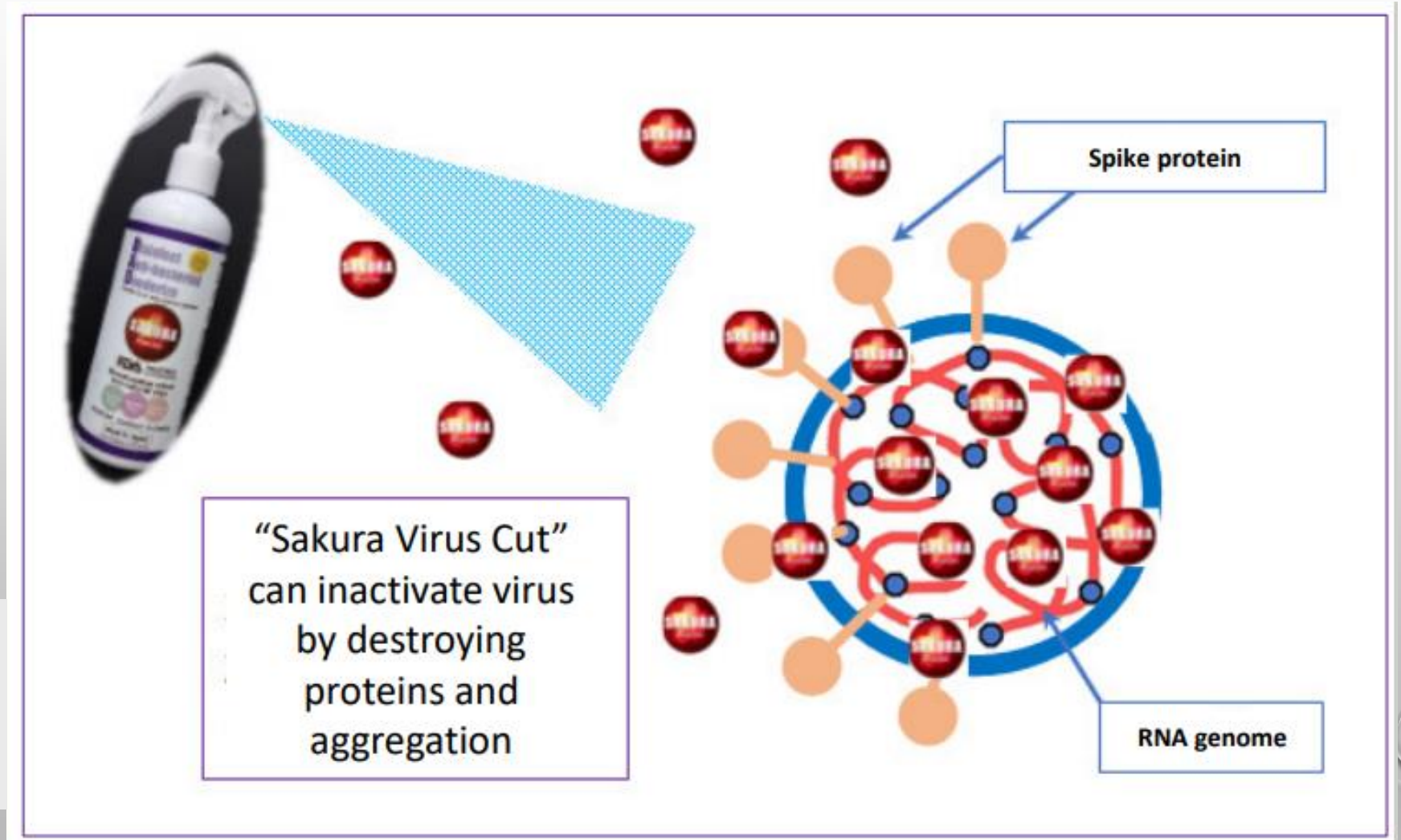
Various changing viral bacteria change the shape of the RNA genome and spike proteins. The mineral of "SAKURA Virus Cut" destroys this spiked protein (organic matter) and causes a simulated reaction.

(next page)



## 2. The structure of "SKURA VIRUS CUT" (Sterilization, Antibacterial, Deodorant)

<Coronavirus>



It is derived from Latin word "corona", which means a crown after the shape of a ring of spike proteins under an electron microscope.

# 2. The structure of "SKURA VIRUS CUT" (Sterilization, Antibacterial, Deodorant)

<Coronavirus>

239 scientists around world have requested WHO to recognize that new coronavirus can be transmitted by air at distances greater than 2 meters.

## How the droplets are released



- Exhale
- Talk
- Cough
- Sneeze

Heavy droplets fall near the source

Some stay on the surface of doorknobs, etc.



Heavy droplets are thought to contain more virus

Light droplets "aerosols" stay in the air and are carried farther.

Aerosols can also get into air conditioning equipment

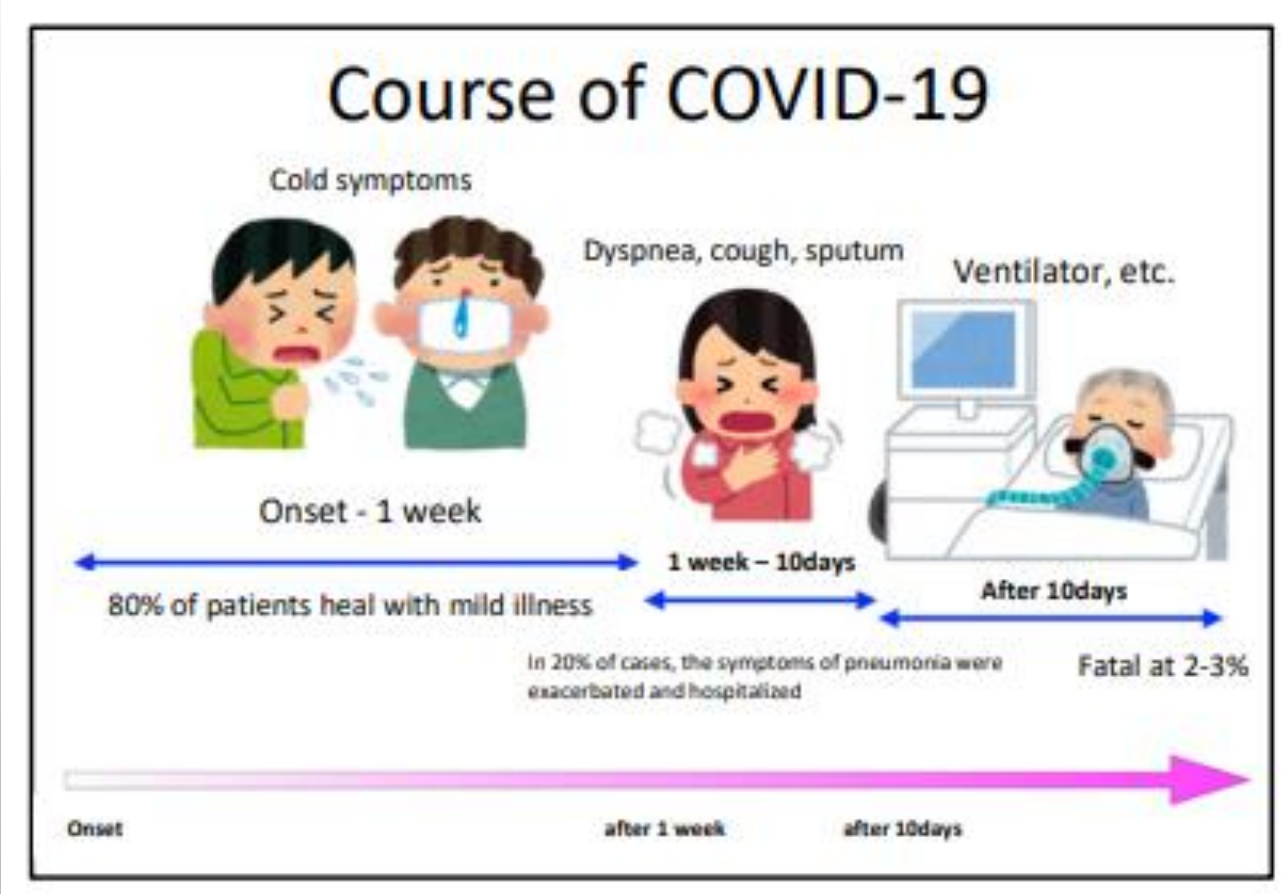
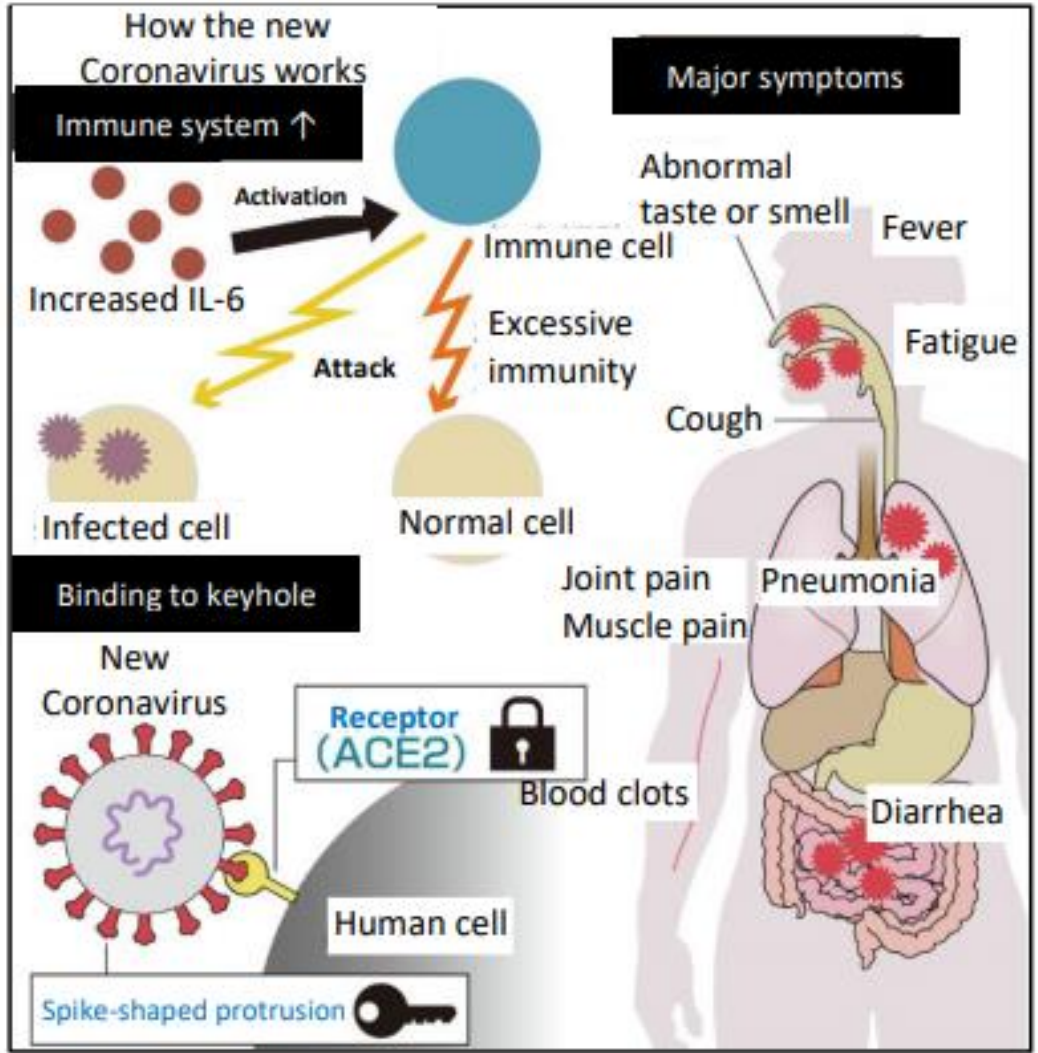


May enter the respiratory tract of others



# 2. The structure of "SKURA VIRUS CUT" (Sterilization, Antibacterial, Deodorant)

## < Coronavirus >





## 2. The structure of "SKURA VIRUS CUT" (Sterilization, Antibacterial, Deodorant)

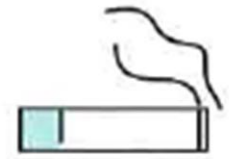
### <Deodorant>

Deodorize the source of the smell well.

ニオイの元も  
しっかり消臭!

ミネラルの力で、ニオイも強力消臭。  
タバコや汗の匂い、トイレなどニオイが  
気になる場所にも効果的です。

Ex)



●タバコのニオイに

Cigarette



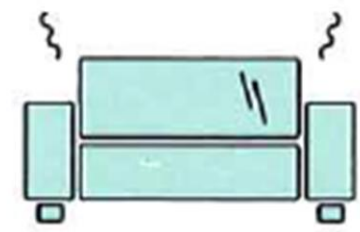
●汗のニオイに

Sweat



●洗濯物の生乾き臭に

Musty laundry



●洗えないソファに

Sofa



●トイレに

Toilet

Mineral ion decomposes organic matter. Outstanding deodorizing effect and also has outstanding persistence of the deodorizing.



# 3. Difference between mineral sterilizing water and alcohol / hypochlorous acid water

■ Alcohol : Flammable, no pneumatic nebulization

■ hypochlorous acid water : No pneumatic nebulization due to safety concerns by Ministry of Health, Labour and Welfare

	SAKURA Virus Cut	hypochlorous acid water	alcohol
Sterilization	○	△ Remove dirt before using	○
Antibacterial	○	×	×
Deodorant	○	△	×
Air spraying	○	×	×
product odor	無臭	Chlorine odor	Ethanol odor
metal corrosion	NO	YES	NO
expiration date	3 years	3 months	3 years

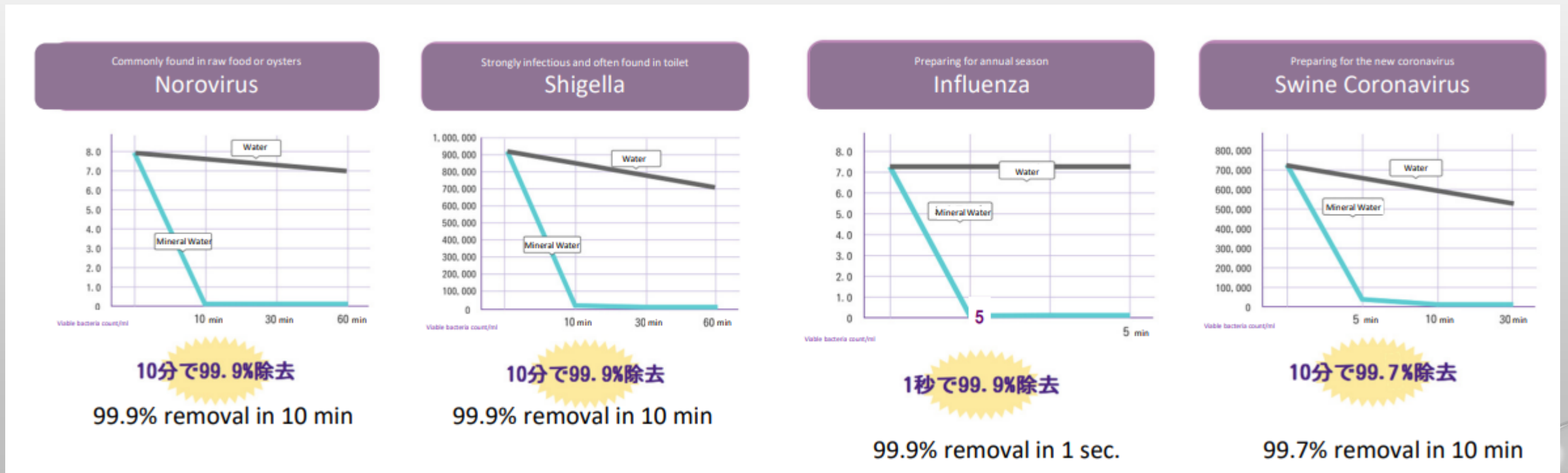
"SAKURA Virus Cut" has been found to have antibacterial and deodorant effects.

Minerals are harmless to the human body and can be sprayed in the air.

# 4. Data validation

You can remove deadly germs and viruses around you  
with mineral water [ **SAKURA Virus Cut** ]

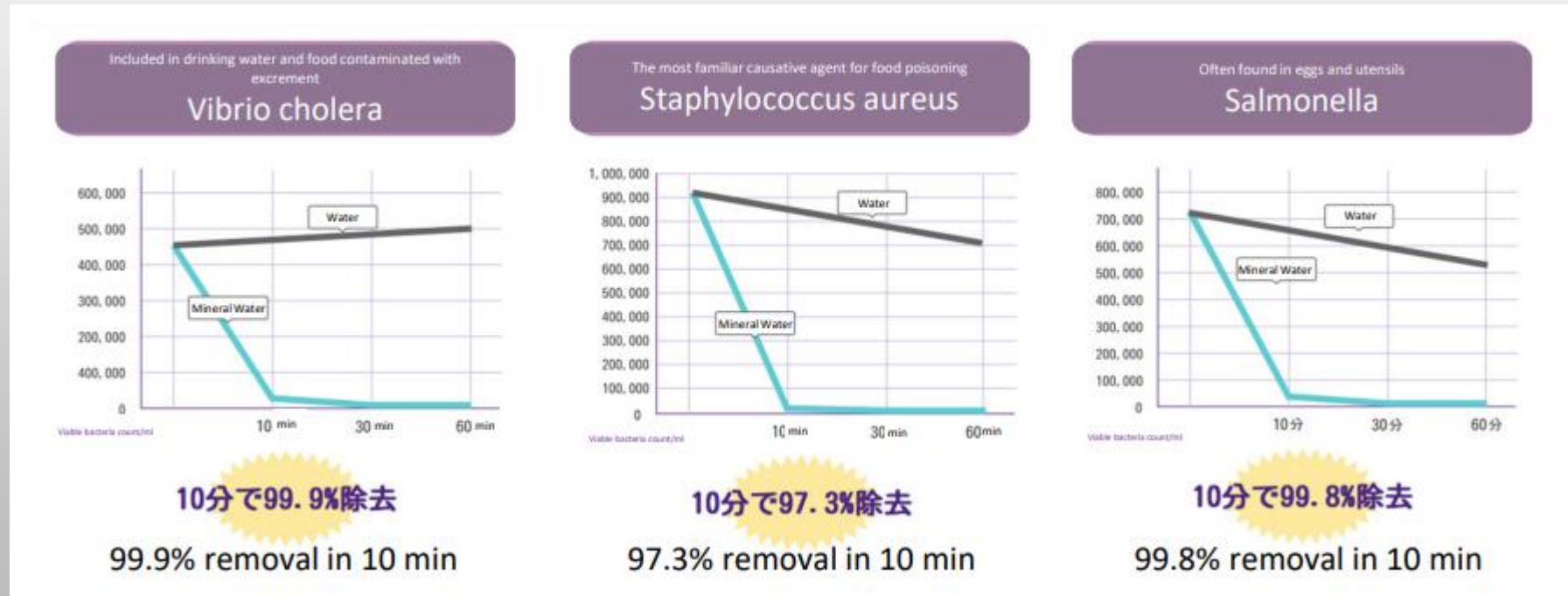
## ① Anti-bacterial test result by the Japan Food Research Laboratories



# 4. Data validation

You can remove deadly germs and viruses around you  
with mineral water [ SAKURA Virus Cut ]

## ① Anti-bacterial test result by the Japan Food Research Laboratories



# 4. Data validation

You can remove deadly germs and viruses around you with mineral water [ SAKURA Virus Cut ]

② Acute oral toxicity test using rats by Japan Food Research Laboratories

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2021年07月30日

## 試験報告書

依頼者 株式会社 スリーエス  
株式会社 NOTIS Labo.

検体 EIKOUSEI SAKURA

表題 ラットを用いる急性経口毒性試験

2021年05月11日当センターに提出された「サクラ水について試験した結果をご報告」いたします。

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8 試験方法  
検体投与用量として2000 mg/kgを投与する試験群及び溶媒対照として注射用水を投与する対照群を設定し、各群につき雌雄それぞれ3匹を用いた。投与前に約17時間試験動物を絶食させた。体重を測定した後、試験群には試験液、対照群には注射用水をそれぞれ20 mL/kgの投与液量で胃ゾンデを用いて強制単回経口投与した。観察期間は14日間とし、投与日は朝間、翌日から1日1回の観察を行った。投与後7及び14日に体重を測定し、Leveneの検定を行った。分散に差が認められなかったため、Studentのt検定により群間の比較を行った。有意水準は5%とした。観察期間終了時に動物すべてを剖検した。

9 試験結果

1) 死亡例  
雌雄ともにいずれの投与群においても、観察期間中に死亡例は認められなかった。

2) 一般状態  
雌雄ともにいずれの投与群においても、観察期間中に異常は見られなかった。

3) 体重変化(表-1及び2)  
投与後7及び14日の体重測定において、雌雄ともに試験群は対照群と比べ体重値に差は見られなかった。

4) 剖検所見  
観察期間終了時の剖検では、雌雄ともにすべての試験動物に異常は見られなかった。

10 結論  
検体について、ラットを用いる急性経口毒性試験(限度試験)を実施した。その結果、観察期間中に異常及び死亡例は認められなかった。以上のことから、ラットを用いる単回経口投与において、検体の抽出液、濃縮液は、雌雄ともに2000 mg/kgを投与するものと評価された。

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表-1 体重変化(雌)

投与群	投与前	投与後(日)	
		7	14
試験群	173.5±4.2 (5)	223.9±5.6 (5)	269.3±5.5 (5)
対照群	173.8±3.9 (5)	224.3±6.5 (5)	268.0±7.8 (5)

体重は平均値±標準偏差で表した(単位:g)。  
括弧内に動物数を示した。

表-2 体重変化(雄)

投与群	投与前	投与後(日)	
		7	14
試験群	134.9±3.9 (5)	165.4±6.2 (5)	188.7±10.7 (5)
対照群	135.1±4.0 (5)	165.5±4.6 (5)	186.0±6.9 (5)

体重は平均値±標準偏差で表した(単位:g)。  
括弧内に動物数を示した。

以上

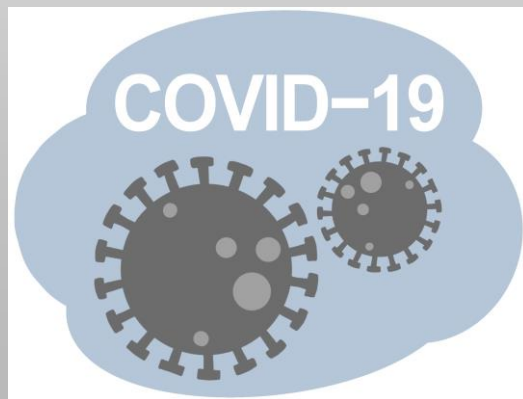
No deaths or abnormalities were observed during the observation period in both males and females



# 4. Data validation

You can remove deadly germs and viruses  
around you with mineral water  
【 SAKURA Virus Cut 】

③ By the Institute of Food and Environmental Health New coronavirus (SARS-CoV-2) Inactivation effect test is also conducted. Test number: 217037N



試験資材のウイルスに対する不活化効果試験  
—試験報告書—  
試験番号：217037N

## 結果

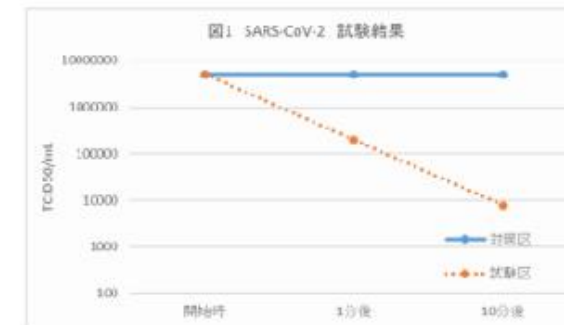
SARS-CoV-2に対する試験結果を表1及び図1に示した。

対照区では試験開始後から、試験開始後10分までの間にウイルス量の変化は見られなかった( $10^{6.7}$ TCID<sub>50</sub>/mL)。

試験区では開始後1分で $10^{3.9}$ TCID<sub>50</sub>/mL (96.0%減少)、10分で $10^{1.9}$ TCID<sub>50</sub>/mL (99.8%減少)となった。

表1 SARS-CoV-2 試験結果(TCID<sub>50</sub>/mL)

区	試験開始時	開始後1分	開始後10分
対照区	$10^{6.7}$	$10^{6.7}$ (5000000)	$10^{6.7}$ (5000000)
試験区	$10^{6.7}$	$10^{3.9}$ (200000)	$10^{1.9}$ (7900)



## 考察

今回、試験資材のSARS-CoV-2(新型コロナウイルス)に対する不活化効果試験を実施した。

その結果、試験資材において、1分の反応で96.0%、10分では99.8%の不活化効果があることが判明した。

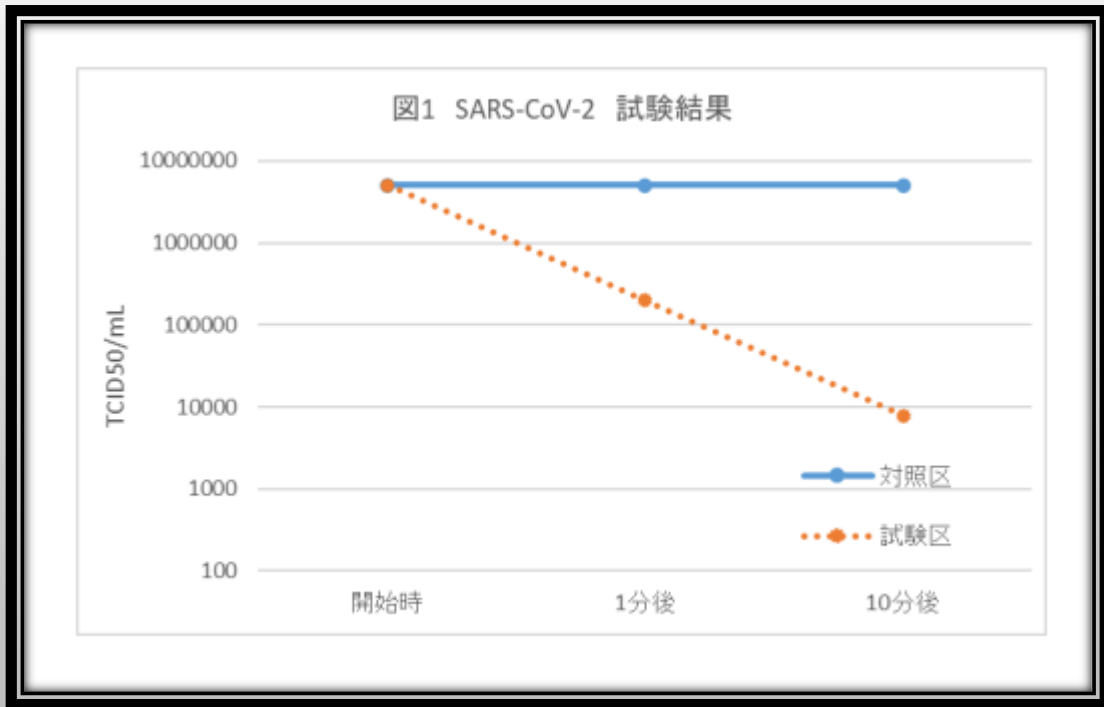
株式会社 食環境衛生研究所  
〒379-2107  
群馬県前橋市北口町561-21  
Tel:027-230-3411  
Fax:027-230-5412

# 4. Data validation

You can remove deadly germs and viruses around you with mineral water

[ SAKURA Virus Cut ]

③ New coronavirus (SARS-CoV-2) inactivation effect test  
by the Institute of Food and Environmental Health



SARS-CoV-2 (New Coronavirus)  
Results of inactivating effect test

→ 1 minute reaction: 96.0%

10 minutes reaction: 99.8%

Turned out to have an inactivating effect

Test number: 217037N

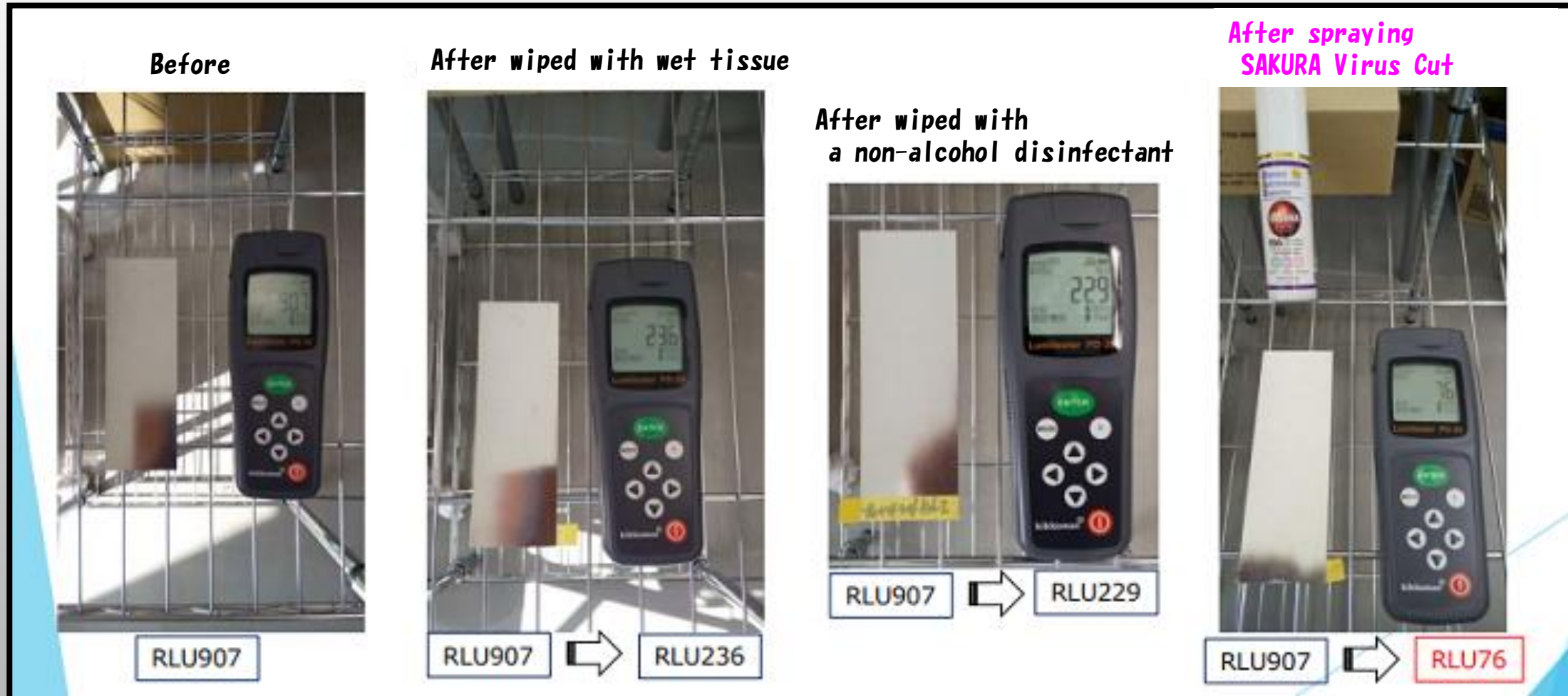
# 4. Data validation

You can remove deadly germs and viruses around you with mineral water

[ SAKURA Virus Cut ]

④ The anti-bacterial test 'PD-30' result by the Japan Food Research Laboratories

- Test date : 2021/9/29
- experimental method : ATP+AMP+ADP
- Experimental objects : aluminum plate



# 5. U.S. FDA approval

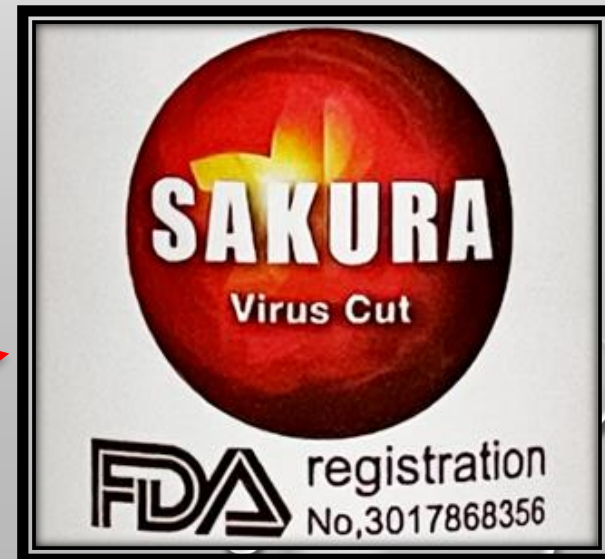
**US FDA Medical Device Registration "SAKURA Virus Cut" has recorded explosive sales in the U.S**

## ※What is FDA???

**Food and Drug Administration: FDA is an agency under the United States Department of Health and Human Services.**

**Protecting the health of the people by ensuring the safety and effectiveness of medicines and veterinary drugs, bio pharmacy, medical devices, domestic food supplies, cosmetics, and products that emit electromagnetic waves is the FDA 's greatest responsibility.**

**Based on the Federal Food, Drugs and Cosmetics Law, it is responsible for medical product regulation and food safety. It is a specialized administration of permission and control of infringing products, not only food and pharmaceuticals but also cosmetics, medical devices, veterinary drugs, tobacco, toys and other products that consumers have the opportunity to interact with its their normal lives.**





# 6. About manufacturing development company

## Company Profile

**Company name:** Three S Co., Ltd.

**Head office:** 〒104-0032 1F 3-11-12 Hacchobori, Chuo-ku, Tokyo

**Established:** March 2006

**CEO:** Munehisa Shimazaki

**Capital:** JPY10,000,000

**Description of business:**

- Planning, designing and sales of light source products using LEDs (light emitting diodes).
- Manufacturing and sales of all products made from extracted mineral liquid in Japan and overseas on-line business.

**License Construction industry:** Governor of Tokyo notification (general28) No. 146434

**Electrical work business:** Governor of Tokyo notification No. 2810162

# 7. About us

## Company Profile

**Company name:** Green Lord Energy Co., LTD.

**Head office:** 〒222-0033 6F 2-5-10 Shinyokohama, Kohoku-ku,  
Yokohama-city, Kanagawa

**Established:** October 2014

**CEO:** Daisuke Imai

**Capital:** JPY10,000,000

**Description of business:**

- Sale of solar power generation system, sale of solar power plant.
- Sale and export of used solar panels.
- Renewable energy consulting.
- Environmental promotion consulting.
- Internet mail order business.  
(environmental products, baby kids products)



# 8. Contact

**Green Lord Energy Co., Ltd.**

**Name: Enokido**

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**URL: <http://gle.co.jp/>**