Test Report No.:



Page 1 of 4

Client:	TAIWAN HEALTH PROTECTIVE COMPANY LIMITED	
Contact Information:	No. 660, Datong Rd., Guishan Dist. Taoyuan City 333, Taiwan, R.O.C.	
	Contact Person: Steven Lin	

### Sample Description As Declared :

No. Of Sample	Two (2)
Product Description	Non-woven fabric
Colour	White
Material	PP
Lot No./Batch code	TW-2103201
Type Identifying	FW-3155E5
Manufacture	WAN CHOU TONG INT Co., LTD.
Product Type	Single shift use only
Country of Origin	Taiwan
Sales Destination	EU/USA/Japan
Sample obtaining method:	Sending by customer
Sample Receiving date: Delivery condition: Test Period:	2021-04-06 Apparent good, Samples tested as received 2021-04-07 to 2021-04-30

244322617a 001

For and on behalf of TÜV Rheinland (Shanghai) Co., Ltd.

Joyce Thom

2021-05-10 Joyce Zhou/ Assistant Technical Manager

Date

Name/Position

Test result is drawn according to the kind and extent of tests performed. This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TüV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China Tel +86 21 6108 1188 Fax +86 21 6108 1099 Mail: service-gc@tuv.com Web: www.tuv.com



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### Summary of test results

Antiviral Activity of Textile Products^

Note : M = Meet Customer Standard

F = Below Performance Standard

\* = No Submitted Information # = No Specified Requirement

N/A = Not Applicable

^= This testing item is out of the scope of our test capabilities, and was sub-contracted to a laboratory

<u>M001</u>

Μ

which complies with the requirement of ISO/IEC 17025:2017.

### **Material list**

Material No.	Material	Color	Location
M001	Textile	White	Non-woven fabric



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### 1. Antiviral Activity of Textile Products \*

:

:

Test method Customer requirement ISO 18184: 2019 (E) Antiviral efficacy value: > 2.00 Antiviral activity rate: > 99%

		<u>M001</u>		
Virus and host cell	Specimen	Infectivity titre value immediate after inoculation of the reference specimen	Infectivity titre value after 2h contacting with the reference specimen	Infectivity titre value after 2h contacting with the test specimen
	1	<u>6.91</u>	<u>6.42</u>	4.71
	2	6.95	6.30	4.80
Human coronavirus HCoV-229E (ATCC VR-740)	3	6.80	6.53	4.69
	Average logarithm of infectivity titre value (IgTCID₅₀/vial)	6.89	6.42	4.73
Host cell: Vero	Antiviral efficacy value	2.16		
	Antiviral activity rate (%)	99.30		
Virus and host cell	Specimen	Infectivity titre value immediate after inoculation of the reference specimen	Infectivity titre value after 2h contacting with the reference specimen	Infectivity titre value after 2h contacting with the test specimen
Human coronavirus HCoV-OC43 (ATCC VR-1558)	1	6.91	6.50	4.73
	2	6.95	6.42	4.80
	3	6.80	6.53	4.71
	Average logarithm of infectivity titre value (IgTCID <sub>50</sub> /vial)	6.89	6.48	4.75
Host cell: Vero	Antiviral efficacy value Antiviral activity rate (%)	2.14 99.28		

Remark: \* = The test was subcontracted to other lab



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## Photo:



- END -

### General Terms and Conditions of Business of TÜV Rheinland in Greater China

### 1.1

- These General Terms and Conditions of Business of TÜV Rheinland in Greater China (GTCB) is made between the client and one or more member entities of TUV Rheinland in Creater China as goliciable as the case may be (TÜV Rheinland r.). The Greater China hereof refers to Maniand China, Hong Kong and Taiwan. The client hereof includes: a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not to the purpose of a daily (i)
- (ii) 1.2
- Against environment of control and the contract into the publicle of a damy the incorporated or unincorporated enricitly duily organized, arXiv addity existing and capable to form legally binding contracts under the applicable law. The following terms and conditions apply to agreed services including and any previous and other secondary obligations provided within the scope of contract performance. Any standard terms and conditions of the client d'any nature shall not apply and shall hereby be expressly activated. No standard contractual larms and on contract performance. The second secondary obligations provided within the scope of contract performance. The second secondary obligations provided within the scope of contract performance. The second secondary obligations with the client without the secondary and a secondary obligations with the client without TUV Rheinland having to refer to them segmentally in each individad cose. 1.3
- 2 Quotations
- Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party.

#### Coming into effect and duration of contra

- Cumumg immo effect and duration of contracts The contract shall come into diffect for the agreed terms upon the quotatic later of TUV Rheinland or a separate contractual document being signed both contracting parties, or upon the works requested by the client being receiving a quotation from TUV Rheinland (quotation). TUV Rheinland (a is sole discretion, entitled to accept the order by giving written notice of a acceptance (including notice sent via electronic means) of by performing meaning. The contract the contract via the contract in accordance with article 3.1 and shall continue for the term agreed in the contract. 3.1 3.2
- contract. If the contract provides for an extension of the contract term, the contract term will be extended by the term provided for in the contract unless terminated in writing by either party with a six-week notice prior to the end of the contractual term. 3.3

#### Scope of services

- The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the service to be provided. 4.1
- 4.2 4.3
- The time writes continuation or other by LUV kneimans shall be decisive for The agreed services shall be performed in compliance with the negutations in force at the time the contract is entered inco. TUV kheinand is shall be performed in compliance with the negutations in torse at the time the contract is entered inco. TUV kheinand is unlisted to determine, in its sole discretion, the method and nature of the assessment unlists otherwise agreed in writing of if mandatory to sensitive of the park be to a simultaneous assumption of any guarantee of the correctness (proper quality) and working order of either tested or examined parts nor of the installation as a whole and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which the installation so construction, selection of materials and assembly of installations, unless the questions are expressly covered by the contract. 4.4
- In the case of inspection work, TÜV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in writing. 4.5
- Intractically to checking to the savely ploglatimes of savely regulated so in writing. International set of the savely ploglatimes of savely regulated in undatory legal regulations and standards or official regulatements for the agreed service scope change after conclusion of the contract, with a written notice to the client, TUV Rheinland shall be entitled to additional remuveration for examing additional expenses. SecUsiesly with the client. A contract of third parties with the services of TUV work results (least reports, text results, expert report, etc.) is not part of the agreed services. This also applies if the client passes on work results in full or in extracts to third parties in accordance with clause 11.4.
- Performance periods/dates

- Performance periods/dates
   The contractually agreed periods/dates of performance are based on esciences of the twork inclusive of which are perpend in line with the datals bunding by TOV Rhenitand in writing.
   Bunding periods of performance have been agreed, these periods shall not commence will the client has submitted all required documents to TUV
   Atcides 51 and 52 alls couply, even without corpress agrowal by the client, to all elevision of agreed periods/dates of performance not caused by TOV Rheinland.
   Attrides 1 and 52 alls couply, even without corpress agrowal by the client, to all edentions of agreed periods/dates of performance, in particular if the clients the into the line the base in accordance with with 6.1.
   Attrides the other advection of a delay in performance, in particular if the clients the into the line the date in coorpares in accordance with with 6.1.
   The performance of the company.
   Stoff the performance in the contract.
   Stoff the performance of a variable period in the contract.
   Stoff the performance of a variable of a reasonable period of time which corresponds at least to the variable of the arteromance.
   The client's collidation to accounter.

#### The client's obligation to cooperate

- The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland. 6.1
- Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants that: 6.2 a) it has required statutory qualifications
- b) the product, service or management system to be certified complies with applicable laws and regulations; and
- c) it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.
- Topono of ormal. the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.
- The client shall bear any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information provided by or lack of proper cooperation from the client. Even where a fixed or maximum price is agreed, TUV Rheinland shall be entitled to charge extra fees for such additional seperas.
- If the scope of performance is not laid down in writing when the order is placed, invicting shall be based on costs actually incurred. If no price is agreed in writing, invicting shall be under in accordance with the price list of TU/V is writing and the time of performance agreed in writing, and any state in the invice de according to the progress of the vork. If the agreed fixed price exceeded score more than one month and the value of the contract or the agreed fixed price exceeded 52.000 or equivalent 7.1
- of the work. If the execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds 22,500,000 requivalent value in local currency, TUV Rheinland may demand payments on account or in instalments. 7.3
- Payment terms 81

District,

- 8.2
- All invoice amounts shall be due for payment without deduction on receipt of the invoice, No discourts and rebates shall be granized. Payments shall be made to the bank account of TUV Reinland as indicated on the invoice, No disting the invoice and client numbers. In cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the applicable benot term loan interest rate publicly. 8.3
- Inced by a reputable commercial bank in the country where TÜV land is located. At the same time, TÜV Rheinland reserves the right to
- Rheinland is located. At the same time, I UV INTERNATION Construction of the limit of default in payment of the invoice despite being granted a reasonable grace period, TUV Rheind shall be entitled to cancel the contract, with draw the certificate, claim damages for non-performance and The provisions action that and be shall also apply in cases involving returned cheques, cessation of payment, commencement of insolvercy 8.4 8.5

Shanghai, 200072, P.R.China

### eedings against the client's assets or cases in which the mencement of insolvency proceedings has been dismissed due to lack

- of assets. Objections to the invoices of TÜV Rheinland shall be submitted in writing
- Objections to the involces of TUV Rhadinard shall be submitted in writing writin two veeks of raceing of the involce. TUV Rhadinard shall be entitled to demand appropriate advance payments. TUV Rhadinard shall be entitled to state is these at the beginning of a month Rhadinard shall notify the client in writing of the rise in Res. This notification shall be issued or enroth prior to the date on which the rise in Res. The infland shall notify the client in writing of the rise in Res. The infland shall notify the client in writing of the rise in Res. The infland shall notify the client in writing of the rise in Res. The infland shall be issued on the rise in Res. The infland shall be seen on the prior to the rise in Res. The infland shall be entitled to terminate the contract by the end of the period free shall be entitled to terminate the contract by the end of the period free shall be deemed to have been agreed upon by the time of the expiry of the rotice period. 8.7
- Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. 8.9

#### Acceptance of work

8.6

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- Acceptance of work Presented by TVX Behniand for contend which is complete in itself may be presented by TVX Behniand for caseling agreed in an individual case, this if acceptance is required or contractually agreed in an individual case, this if acceptance is required or contractually agreed in an individual case, this is acceptance is required or contractually of tWX Behniand. Is an entitled to refuse an coeptance due to imaginficant breach of contracts by TVX Behniand. Constructs of tWX Behniand. Complete a secular due to the set of the set of the set of the set is excluded according the ten stall take in place. TVX Behniand and the contract stYV DYX Behniand and the contract to accept services, TVX Behniand and take is reserved the right proves that the TVX be accept the symmetry. Contract to Contrage whateover or only a contracted by UVX Behniand and take is certificated in thereage lung-sum dimage in the amount of called within one year after the order has been placed. The client whateover or only a considerably lower damage than the acover mentioned allower with the order has been placed. The client whateover or only a considerably lower damage than the above mentioned when the symmetry.
- 10 Confid

- Item paum.
   **10. Confidentiality 10. Set of the purpose of these terms and conditions, "confidential information" means all project documentation which one party (the "discloring party") hands over, the confidential information or cased during performance of work by TUV.
   Rheinland, including product testing data, defects, conformity to the technical islander's and network the confidential information. Confidential information: Confidential information contract during personal with the confidential information. Confidential information contract during personal with the scope of the technical during product testing data, defects, conformity to the technical during the during the during the during data.
   <b>10.2** The discloring party that allow a scope of the provision of services by TUV Rheinland, "Local during the during data during data during the during data during data

- b)
- c)
- 10.4
- 10.5 a)
- b) c)
- d)
- <text><text><text><text><text><text><text><text><text> 10.6 10.7

#### Copyrights and rights of use, publications

- Copyrights and rights of use, publications TVV Reiniand shall retain all exclusive copyrights in the reports, expert reports points, est reports'essuits, results, calculations, presentations etc. prepared by TUV Reiniand, unless otherwise agreed by the parties in a top provide the report of the soft results, produced within the ouse (right of use). The client receives a simple, unlimited, non-transferable, non-sublicensable right of use to the contents of the work results for individual or all types of use (right of use). The client receives a simple, unlimited, non-transferable, non-sublicensable right of use to the contents of the work results produced within the produce of the soft results in the report. Top of the report results, results calculations, presentations etc. prepared in the report of the results of the report results in classes 11.2. of TUV Reinfand. and may not be appresented to the remuneration agreed in facourd TUV Reinfand. and may use work results in full unlikes TUV Reinfand and grown to prior agreent the work results of the remuneration agreed in facourd TUV Reinfand. and may use work results in full unlikes TUV Reinfand in each individual case. There are not a dual of the work results to the results of a unlike and in the proper and the prior writem approval of TUV Reinfand. TUV Reinfand may revoke a conce given approval according to classe 11.5 at any transfer of the work results in mediately at his own openes and, as are approximation of the use of exploration of the work results and transfer of the work results and unlike the same states and there are the same state in the unlike and on the same states and there are the use the recomprise logo, coproate design of the results of the transfer down and a far as possible, to wither use provide openes logo. TUV Results are the use the top results and unlikes the approximate of the work results are approximated on the same states of the work results and the results the use the componis logo. TUV Reinfand may 11.1
- 11.2
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- 11.5
- 11.6 TÜV 8
- 11.7The co
- Liability of TÜV Rheinland

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TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TüV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an

- 12.3
- times of the fee for the individual order under which the damages or losses have occurred. Notwithstanding the above, in the event that the total and accurutated liability acalutetal accurring to the foregoing provisions exceeds 2.5 Million Euro or equivalent amount in local currency, the total and the second the state of the exceeding of the state of the total and the second the state of the state of the state of the state of the part of TOV Revised and the state of the state of the state of the part of TOV Revised and the state of contract. TOV Revised and liable currency the state of the state of the state of the part of TOV Revised and the state of contract. TOV Revised and liable even where minor negligence is involved. For this purpose, a "Indiameter liable" is breach of an state of contract. TOV Revised and the amount of damages trace and by the state of contract. TOV Revised and the amount of damages the state of the breach (reasonably (reaseable) cauch toreach of contract at the time of the acts of the personel made wailable by the client to support TOV Revised and the performance of its available by the client to support TOV Revised and the performance of its available by the client to support TOV Revised and the performance of its available is of contract, the state sch personel made available is a available is a contract, state sch personel made available is a available is a contract, state sch personel made available is a available is a contract, state sch personel made available is a available is a contract, state sch personel made available is a available is a contract, state sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel made available is a available is a sch personel 12.4
- available by the client to support TVV Rheinland in the performance of its services under the contract, unless such personent made available is regarded as vicanicus agent of TVV Rheinland it TVV Rheinland is not labele provision, the client shall indemnify TVV Rheinland agent any client made by third parties arising from or in connection with such personel's acts. otherwise contractually agreed in writing. TVV Rheinland agint and client be the subscription of the subscription of the subscription of the subscription of the The limitation periods for claims for damages shall be based on statutory provisions. 12.5Un
- 12.6 The limitation periods for claims for damages shall be based on statutory provisions. None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client. 12.7
- 13. Export control
- on the services provided by TÜV Rheinland or parts thereof to third s in Greater China or other regions, the client must comply with the cively applicable regulations of national and international export 13.1When passing on the servi
- assing on the services provided by TUV Rheinland or parts thered to third parties in Greater Chana or other regions, the client must comply with the respectively applicable regulators of national and international export formance of a contract with the client is subject to the provide that there are no obstacles to performance due to national or international foreign trade legislations or embangs and/or samolins. In the event of a violation, TUV Rheinland shall be entitled to terminate the contract with immediate effect and the client table compensatio for the losses incured thered by TUV 13.2The per
  - Rheinland. Data protection notice
  - TŪV Reiviend processes personal data of the vient for the purpose of fullings this contract. In addition, TUV Reivisindra valos processes the data for other legal purposes in accordance with the relevant legal basis. The personal data of the client will only be disclosed to other natural or legal persons if the legal requirements are met. This also applies to transfers to third countries. The personal data will be detert immediately as soon as a corresponding The personal data will be deleted immediately as soon as a corresponding reason for detection arises. Data subjects may exercise the following rights: right of information, right of rectification, right of deletion, right of processing limitation, right of objection, right of data transferability in addition, persona concerned by the data processing have the right to revoke their consent at the completent data protection supervisiony authors, for huther details to the completent data protection supervisiony authors, for huther details on the completent data protection supervisiony authors, for huther details on the processing of personal data by TOV. Rheinland as the person responsible or contract processors, please refer to the respective data protection information. You can contract the Group Data Protection Officer of TOV. Rheinland by email at detaematical disfusion or by post at the feed Grauen Stein, 51105 Cologne, Germany.

- 15.1The risk and costs for freight and transport of documents or test material to and from TÜV Rheinland as well as the costs of necessary disposal measures shall
- be borne by the client. troyed and otherwise worthless test material will be disposed of by TÜV Rheinland for the client at the expense of the client, unless otherwise 15.2Any de
- Rheinland for the client at the expense of the client, unless otherwise agreed. 15.3Undamaged test material shall be stored by TÜV Rheinland for four (4) weeks after completion of the test. It alonge storage fee. 15.4After the expired of the 4 vesks or any longer periods a desired, TUV Rheinland be disposed of by TÜV Rheinland for the client for a fee in accordance with clause 15.2.

#### 16. Termination of the contract

c)

- Termination of the contract
   16.1 Notwithstanding clause 3.3 of the GTCB, TÜV Rheinland and the client are entitled to terminate the contract in its entirety or, in the case of services combined in no encontract, each of the combined parts of the contract individually and independently of the confinuation of the remaining services with six (6) months inclus to the end of the contractually agreed term.
   16.2 For good causes, TÜV Rheinland may consider giving a written notice to the elist to terminate the contract which includes but on initiated to the following; consider within the company which are relevant for certification or signs of such changes;
   b) the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the end of the client misuses the cortificate or certification mark or uses it in violation of the client misuses the cortification or the client misuses the cortification or the client misuses the cortifi

- b) the client misuses the certificate or certification mark or uses it in volation or the contract. c) in use vent of vent of vent of days in payment (e) least three times); c) and event of vent of the financial clicomatances of the client cocrs and and a sa result the payment claims of UVK Rheinland cannot reasonably be aspected to continue the contract are acconsiderably endangered and TVV Rheinland cannot reasonably be readingered and TVV Rheinland cannot reasonably be client to cost and the contract are acconsiderably endangered and TVV Rheinland cannot reasonably be client to cost and the contract are acconsiderably endangered and TVV Rheinland cannot reasonably be client if the conditions of a client for damages against the contract are acconsiderably endangered and the contract and endomosility of the conditions of a client for damages against the site field to the site of the field reasonable of the field contract are set as the resumeration to be paid until the end of the field contract are set as the right to prove a considerably higher damage in individual cases.
- Rheinland reserves the right to prove a considerably higher damage in nitokidual cases. 16.4TÜ Kheinland is also antilied to terminate the contract with written notice if the client has not been able to make use of the time windows for auditing /service provision provided by TÜV Rheinland within the scope of a certification during the performance of monitoring audits). Clause 16.3 applies accordingly.

#### 17. Partial invalidity, written form, place of jurisdiction and dis

- 17.1 17.2
- Invalidity, written form, place of jurisdiction and dispute resolution
  All emochanics and supportents must be in writing in order to be effective.
  The also opplies to annotchemist an espinament to hist clause 17.1.
  Brouid one or serveril of the provisions under the contract and/or these
  terms and conditions be or become intellective, the contracting parties shall
  replace the invalid provision with a legally valid provision that comes closest
  to these others and conditions that be chosen following the rules as below:
  If TUV Rhainand in question is legally registered and existing in the Resplace of China, the contracting parties hand to the resplace of the contract and these terms and conditions that be chosen following the rules as below:
  If TUV Rhainand in question is legally registered and existing in the Resplace of China, the contracting parties hand to the Resplace of China, the contracting parties hand to the Resplace of China, the contracting parties hand to the Resplace of China.
  If TUV Rhainand in question is legally registered and existing in Tewns, the contracting parties hereby agree that the contract and these terms and conditions shall be soft arows.
  If TUV Rhainand is question is legally registered and existing in Tewns, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Tarows.
  If TUV Rhainand is question is legally registered and existing in Tewns, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Tarows.
  If the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of the association.
  If the contracting parties hereby agree that the contract and these terms and conditions of the association thereof abla be satisfied friendly through negoliations.
  If the case of TUV Rhainand negoliation being teglity registered and existing in the case of the registere in the contract and these terms and conditions that c 173 a)
- b)

Notice of Arbitration is submitted in accordance with these rules. I the arbitration shall take place in Hong Kong. cision of the relevant arbitration tribunal shall be final and binding on both parties. The arbitration fee shall be borne by the losing party.