



## INNOTIER Vertex Medic Series

### Certifications 测试证书

1. WEIPU Shanghai Antiviral activity [HCoV-229E] Test Method ISO18184 : 2019 Test Report  
上海微谱 - 抗病毒活性测试 [人类冠状病毒 229E] 测试标准 ISO18184:2019
2. GTTC – GB/T 18830-2009 Textiles – Ultraviolet Protection Factor (UPF) – Test Report  
广州检验检测认证集团 - 紫外线防护系数 (UPF) – 测试标准 GB/T 18830-2009

# Test Report



No: 240124118

Verification Website: [www.gttctech.com](http://www.gttctech.com)

Verification Code: SSWK-3502-54

Issue Date 签发日期: 2024-05-20

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Applicant: INNOTIER Limited  
委托单位: 研路天科技有限公司  
Address: 2nd Floor, Astoria House, 62 Shaftesbury Avenue, London, England W1D 6LT, United Kingdom  
地址: 英國倫敦沙夫茨伯里大街62號阿斯托利亞樓2層

Information confirmed by applicant 客户认定信息:

Material 布料

Quantity 数量: 1 piece 1 块

Brand 商标: INNOTIER 研路天

Materials applicable: Garment, Underwear, Mask, Accessories, Beddings, Home items, Baby & Kids products.

布料适用范围: 服装, 内衣, 口罩, 饰品, 床上用品, 家居用品, 婴儿用品。

Manufacturer 生产单位: 广州市凯权服饰有限公司

Basis of judgement 判定依据:

GB/T 18830-2009 <Textiles - Evaluation for solar ultraviolet radiation protective properties> 《纺织品 防紫外线性能的评定》

Date Received/Date Test Started: 2024-05-15

样品受理/测试开始日期: 2024-05-15

Conclusion 结论:

Solar ultraviolet radiation protective properties M

防紫外线性能

Note: "M"-Meet the standard's requirement "F"-Fail to meet the standard's requirement

"---"-No comment

备注: "M"-符合标准要求 "F"-不符合标准要求

"---"-此项目不判定

Remark:

All the tested items are tested under the standard condition (except for indication).

本报告中检验检测项目均在相应标准规定的环境条件下进行(有注明的除外)。

Copies of the report are valid only re-stamped.

复印件、副本未重新加盖报告书确认章无效。

The experiment was carried out at No.1, Zhujiang Road, Panyu District, Guangzhou, Guangdong, P.R.China.

本报告检验检测地址为广州市番禺区珠江路1号。

Approved By (签发):

赖红敏 工程师

HongMin Lai Engineer

Hongmin Lai



# Test Report

No:240124118





# Test Report

No:240124118

Solar ultraviolet radiation protective properties

防紫外线性能

M

(GB/T 18830-2009)

UPF av UPF平均值 83  
UPF >50  
T(UVA) 平均值(%) 2.26  
T(UVB) 平均值(%) 1.02

Requirement 要求

UPF >40  
T(UVA) 平均值(%) <5  
(GB/T 18830-2009)

本报告结束(End



#### 注意事项

1. 报告书未加盖检测单位检验检测专用章无效。
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3. 对委托送检结果有异议的，应于报告书送达之日起十五日内提出。
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5. 未取得资质认定的项目，仅作为科研、教学或内部质量控制之用。
6. 报告书涂改无效。
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#### Note

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2. Copies of this report are invalid without authorized stamp.
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4. The result is only valid for the tested sample.
5. The results of unapproved items are for reference only.
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校验码: 87911605

# REPORT FOR ANALYSIS

**Report №.**

**FTS202205352E**

**Sample Name**

**INNOTIER woven recycle**

**fabric with Ionic+**

**Applicant**

**INNOTIER LIMITED**

**Test Type**

**Entrusted Inspection**

**FeiFan standard technical service (suzhou) Co., Ltd.**





# REPORT FOR ANALYSIS

Name of Sample	INNOTIER woven recycle fabric with Ionic+	Test Type	Entrusted Inspection
Applicant	INNOTIER LIMITED	Address	2nd Floor, Astoria House, 62 Shaftesbury Avenue, London, England W1D 6LT, United Kingdom.
Production Unit	GuangZhou JF Gloves & Garment Accessories Co., Ltd.	Production Unit Address	No. 24, Shilian Road Bangjiangxi Village Section, Da Long Street, Pan Yu District, Guangzhou City, Guangdong Province
Sample Source	From the applicant	Sample Quantity	/
Spec and Lot No of Sample		Production date	/
Sample Received Date	2022-05-09	Completion Date	2022-05-19
Test Standard and Method	ISO 18184:2019 Textiles Determination of antiviral		
Item Tested	Antiviral Activity HCoV-229E		
Test Conclusion	See subsequent pages.		
Remarks	<p>Sample description: Anti-Viral PPE material 200x washes            Composition: 45.36% Recycle Polyester, 45.36% Sorona Polyester, 9.28% Ionic+            Brand: INNOTIER            Applicable: Medical Scrub &amp; Uniform, Garment, Accessories, Home items, Baby &amp; Kids products</p>		



Editor: 王丹

Verifier: 黄善峰

Approver: 张百

FeiFan standard technical service (suzhou) Co., Ltd.





## Test report

Virus name	NO	The logarithm of virus titer after 0h inoculation and incubation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after 2h inoculation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after sample inoculation and incubation for 2h (lgTCID <sub>50</sub> /mL)
HCoV-229E MDCK cells	1	5.96	5.93	4.31
	2	5.94	5.91	4.28
	3	5.93	5.89	4.33
lgTCID <sub>50</sub> /mL average value		5.94	5.91	4.31
Antiviral activity value			1.64	
Antiviral activity rate (%)			97.69	

### Sample Pictures



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-----End of Report-----





## Service scope

Medical device testing	Strain identification	New chemical substance registration
Mosquito repellent and mite removal test	Cosmetic testing	Virus inactivation test
Biodegradation test	Toxicology test	Disinfectant testing

## Notice Items

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- 7.For the tested sample(s) submitted by the applicant, the sample information in the test report is provided by the applicant and the laboratory is not responsible for its authenticity.
- 8.This report does not make any judgment basis for legal disputes.
- 9.The data in the test report is only used for scientific research, teaching, internal quality control and other purposes.



校验码: 26326638

# REPORT FOR ANALYSIS

**Report No.**

**FTS202205351E**

**Sample Name**

**INNOTIER woven recycle**

**fabric with Ionic+**

**Applicant**

**INNOTIER LIMITED**

**Test Type**

**Entrusted Inspection**

**FeiFan standard technical service (suzhou) Co., Ltd.**





# REPORT FOR ANALYSIS

Name of Sample	INNOTIER woven recycle fabric with Ionic+	Test Type	Entrusted Inspection
Applicant	INNOTIER LIMITED	Address	2nd Floor, Astoria House, 62 Shaftesbury Avenue, London, England W1D 6LT, United Kingdom.
Production Unit	GuangZhou JF Gloves & Garment Accessories Co., Ltd.	Production Unit Address	No. 24, Shilian Road Bangjiangxi Village Section, Da Long Street, Pan Yu District, Guangzhou City, Guangdong Province
Sample Source	From the applicant	Sample Quantity	/
Spec and Lot No of Sample		Production date	/
Sample Received Date	2022-05-09	Completion Date	2022-05-19
Test Standard and Method	ISO 18184:2019 Textiles Determination of antiviral		
Item Tested	Antiviral Activity HCoV-229E		
Test Conclusion	See subsequent pages.		
Remarks	<p>Sample description: Anti-Viral PPE material 200x washes            Composition: 45.36% Recycle Polyester, 45.36% Sorona Polyester, 9.28% Ionic+            Brand: INNOTIER            Applicable: Medical Scrub &amp; Uniform, Garment, Accessories, Home items, Baby &amp; Kids products</p>		



Editor: 王丹

Verifier: 黄善峰

Approver: 张百

FeiFan standard technical service (suzhou) Co., Ltd.



## Test report

Virus name	NO	The logarithm of virus titer after 0h inoculation and incubation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after 30min inoculation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after sample inoculation and incubation for 30min (lgTCID <sub>50</sub> /mL)
HCoV-229E MDCK cells	1	5.86	5.75	4.39
	2	5.89	5.78	4.41
	3	5.85	5.8	4.42
lgTCID <sub>50</sub> /mL average value		5.87	5.78	4.41
Antiviral activity value			1.46	
Antiviral activity rate (%)			96.53	

### Sample Pictures



-----End of Report-----







## Service scope

Medical device testing	Strain identification	New chemical substance registration
Mosquito repellent and mite removal test	Cosmetic testing	Virus inactivation test
Biodegradation test	Toxicology test	Disinfectant testing

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# REPORT FOR ANALYSIS

**Report No.**

**FTS202205350E**

**Sample Name**

**INNOTIER woven recycle**

**fabric with Ionic+**

**Applicant**

**INNOTIER LIMITED**

**Test Type**

**Entrusted Inspection**

**FeiFan standard technical service (suzhou) Co., Ltd.**





# REPORT FOR ANALYSIS

Name of Sample	INNOTIER woven recycle fabric with Ionic+	Test Type	Entrusted Inspection
Applicant	INNOTIER LIMITED	Address	2nd Floor, Astoria House, 62 Shaftesbury Avenue, London, England W1D 6LT, United Kingdom.
Production Unit	GuangZhou JF Gloves & Garment Accessories Co., Ltd.	Production Unit Address	No. 24, Shilian Road Bangjiangxi Village Section, Da Long Street, Pan Yu District, Guangzhou City, Guangdong Province
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Item Tested	Antiviral Activity HCoV-229E		
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Remarks	<p>Sample description: Anti-Viral PPE material 200x washes            Composition: 45.36% Recycle Polyester, 45.36% Sorona Polyester, 9.28% Ionic+            Brand: INNOTIER            Applicable: Medical Scrub &amp; Uniform, Garment, Accessories, Home items, Baby &amp; Kids products</p>		



Editor: 王丹

Verifier: 黄善峰

Approver: 张百

FeiFan standard technical service (suzhou) Co., Ltd.



## Test report

Virus name	NO	The logarithm of virus titer after 0h inoculation and incubation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after 30s inoculation of the control sample (lgTCID <sub>50</sub> /mL)	The logarithm of virus titer after sample inoculation and incubation for 30s (lgTCID <sub>50</sub> /mL)
HCoV-229E MDCK cells	1	5.62	5.58	4.45
	2	5.67	5.63	4.44
	3	5.64	5.61	4.46
lgTCID <sub>50</sub> /mL average value		5.64	5.61	4.45
Antiviral activity value		1.19		
Antiviral activity rate (%)		93.60		

### Sample Pictures



-----End of Report-----







## Service scope

Medical device testing	Strain identification	New chemical substance registration
Mosquito repellent and mite removal test	Cosmetic testing	Virus inactivation test
Biodegradation test	Toxicology test	Disinfectant testing

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