

3F, Building Block 2, No. 3400 Gonghexin Road, Jing'an District - Shanghai 200436, P.R. CHINA 上海市静安区共和新路3400号2幢3层

Tél.: +86 21 68 55 50 32 Fax: +86 21 68 55 50 33 E-mail: ctcshanghai@ctcgroupe.com

307027966@gg.com

## **TEST REPORT**

Report No.: S210301983\_1

Page 1/4

22 April 2021

APPLICANT: CRDLIGHT OPTOELECTRONIC TECHNOLOGY

CO., LTD江门市卡迪光电科技有限公司

(C41964)

FLOOR 1-5 BULIDING NO. 7&FLOOR 1-4 BULIDING NO. 5, NO, 18 XINYI ROAD,

JIANGHAI DISTRICT

JIANGMEN GUANGDONG

CHINA

Date of receipt :18 Mar. 2021

:22 Apr. 2021 Testing period

:22 Apr. 2021

Buyer:

Sample description: size: X, M, L, XL

Style / Article no. :蓝色KDNG02C

Test(s) requested Service : REGULAR

Brand / Section

Season

End use :一次性丁腈手套 Disposable Nitrile Gloves

Factory name

Factory code

For CE Marking: Yes

Previous report

Product category

Product type

:FIRST TEST Test stage

Supplier name Exported to

#### Conclusion:

	<u>Tests description</u>	Conformity
1	Resistance to penetration by blood-borne pathogens - Test method using Phí-X174 bacteriophage	Pass

None: no requirement for this test Pass: requirements met Fail: requirements not met N/A: not applicable

Approved by

Henry YAN 严滨 Laboratory Manager

The report is issued by CTC Shanghai under its General Conditions printed overleaf. The results shown in this report refer only to the sample. Except by special arrangement, the test items will not be retained by CTC Shanghai for more than 3 months. The test report shall not be reported. in full, without the written approval of the testing laboratory.



# TEST REPORT

Page 2/4

Report No.: \$210301983\_1

22 April 2021

APPLICANT: CRDLIGHT OPTOBLECTRONIC TECHNOLOGY

CO., LTD江门市卡迪光电科技有限公司

(C41964)

#### 2. Sample(s) description assigned by laboratory:

<u>Size</u>	Analyzed product	Description	Sample information	
	GLOVE			
		blue nitrile glove		



210301983

The report is issued by CTC Shanghai under its General Conditions printed overleaf. The results shown in this report refer only to the sample. Except by special arrangement, the test items will not be retained by CTC Shanghai for more than 3 months. The test report shall not be reproduced; except in full, without the written approval of the testing laboratory. in full, without the written approval of the testing laboratory.



## **TEST REPORT**

Page 3/4

22 April 2021

Report No.: \$210301983\_1

APPLICANT: CRDLIGHT OPTOELECTRONIC TECHNOLOGY

CO., LTD江门市卡迪光电科技有限公司

(C41964)

### 3. GLOVE

blue nitrile glove

A Resistance to penetration by blood-borne pathogens - Test method using Phi-X174 bacteriophage per disample imension of the test specimens ampling araffin-sealed edges est specimens condition tertilization re treatment performed ide in contact with the bacteriophage isspension set procedure used United Unite	biac mitilic glove					
blood-borne pathogens Test method using Phi-X174 bacteriophage  ype of sample imension of the test specimens ampling araffin-sealed edges est specimens condition ter treatment performed de in contact with the bacteriophage suppression est procedure used  est in contact with the bacteriophage suppression set procedure used  est procedure used  for the bacteriophage suppression sed bacteriophage suppression sed bacteriophage suppression sed bacteriophage compatibility ratio tarting bacteriophage challenge titer tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (3) and the substitute of		Method		Unit	Result	Conformity
bacteriophage ype of sample imension of the test specimens ampling araffin-sealed edges set specimens condition tertilization re treatment performed ide in contact with the bacteriophage suspension set procedure used set specimens urface tension of the bacteriophage spension sed bacteriophage set bacteria  or bacteria  or bacteria  or bacteria  or bacteriophage challenge titer tarting bacteriophage challenge titer (3) miding bacteriophage challenge citer (3) miding bacteriophage challenge citer (2) miding bacteriophage challenge citer (3) miding bacteriophage challenge citer (3) movironmental plate results  or bacteria  Glove 7.5cm x 7.5cm Palm No 21±5°C and 60±10%RH None None Outer side Outer side  Outer side  Procedure B (0kPa 5min + 14kPa 1min + 0kPa 4min - With screen)  0.042 ± 0.002N/m spension  Bacteriophage 1.1  Escherichia coli (ATCC 13706) 1.1  2.46 10°8 PFU/ml 2.46 10°8 PFU/ml 2.47 10°8 PFU/ml 2.49 10°8  O PFU on each settle plate	blood-borne pathogens -					Pass
Siove 7.5cm x 7.5cm plants ampling araffin-sealed edges    stages plants around the test specimens ampling    araffin-sealed edges    stages plants around the stages plant						
ampling araffin-sesied edges est specimens condition terilization re treatment performed de in contact with the bacteriophage suspension est procedure used  Procedure B (0kPa 5min + 14kPa 1min + 0kPa 4min - With screen)  etaining screen specifications urface tension of the bacteriophage uspension sed bacteriophage ost bacteria ost bacteria ompatibility ratio tarting bacteriophage challenge titer tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (3) and the procedure Section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (3) and the procedure section of the bacteriophage challenge titer (4) and the proced	Type of sample				Glove	
araffin-sealed edges  est specimens condition  terilization  re treatment performed  de in contact with the bacteriophage uspension  est procedure used  etaining screen specifications  urface tension of the bacteriophage uspension  sed bacteriophage  contact with the bacteriophage  etaining screen specifications  urface tension of the bacteriophage  sed bacteriophage  on the bacteriophage  on	Dimension of the test specimens				7.5cm x 7.5cm	
est specimens condition tertilization re treatment performed de in contact with the bacteriophage asspension est procedure used  etaining screen specifications urface tension of the bacteriophage spension sed bacteriophage sed bacteriophage ompatibility ratio tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (3) and and a second and	Sampling			-1	Palm	
tertilization re treatment performed ide in contact with the bacteriophage spension ast procedure used  Procedure B (0kPa 5min + 14kPa 1min + 0kPa 4min - With screen)  etaining screen specifications urface tension of the bacteriophage spension sed bacteriophage state training bacteriophage ompatibility ratio tarting bacteriophage challenge titer tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (3) and the process of the bacteriophage challenge titer (4) bacteriophage challenge titer (5) bacteriophage challenge titer (6) bacteriophage challenge titer (7) bacteriophage challenge titer (8) bacteriophage challenge titer (9) bacteriophage challenge tit	Paraffin-sealed edges				No	
re treatment performed dide in contact with the bacteriophage aspension set procedure used  Procedure B (0kPa 5min + 14kPa 1min + 0kPa 4min - With screen)  etaining screen specifications  urface tension of the bacteriophage aspension sed bacteriophage spension  sed bacteriophage  onto the bacteriophage of the bacteriophage aspension  set bacteria  Description of the bacteriophage of the bacteriophage aspension  set bacteria  Description of the bacteriophage of the ba	est specimens condition				21±5°C and 60±10%RH	1=15
Outer side  Use person ast procedure used  Description of the bacteriophage aspension  Seed bacteriophage	Sterilization				None	
procedure used  Procedure B (0kPa 5min + 14kPa 1min + 0kPa 4min - With screen)  outland betaining screen specifications  urface tension of the bacteriophage uspension  sed bacteriophage  ost bacteria  ost bacteria  ompatibility ratio  tarting bacteriophage challenge titer (2)  tarting bacteriophage challenge titer (3)  inding bacteriophage challenge titer (2)  inding bacteriophage challenge titer (2)  inding bacteriophage challenge titer (3)  inding bacteriophage challenge titer (4)  inding bacteriophage challenge titer (5)  inding bacteriophage challenge titer (6)  inding bacteriophage challenge titer (7)  inding bacteriophage challenge titer (8)  inding bacteriophage challenge titer (8)  inding bacteriophage challenge titer (9)  inding bacteriophage challenge titer (9)  inding bacteriophage challenge titer (10)  inding bacteriophage challenge titer (10)  i	Pre treatment performed				None	
etaining screen specifications urface tension of the bacteriophage uspension sed bacteriophage ost bacteria  ompatibility ratio tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (3) and the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of the bacteriophage challenge titer (4) because the problem of t	Side in contact with the bacteriophage suspension				Outer side	
etaining screen specifications  urface tension of the bacteriophage uspension sed bacteriophage ost bacteria  ompatibility ratio  tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) anding bacteriophage challenge titer (2) anding bacteriophage challenge titer (3) and the probability of the proba	est procedure used					^
urface tension of the bacteriophage uspension sed bacteriophage  sed bacteriophage  ost bacteria  ompatibility ratio tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) nding bacteriophage challenge titer (2) nding bacteriophage challenge titer (3) nding bacteriophage challenge titer (3) nvironmental plate results  onumber of PEL/MI (ATCC 13706-B1) Escherichia coli (ATCC 13706) 1.1  2.46 10^8 PFU/mI (2.46 10^8) PFU/mI (2.46 10^8) PFU/mI (2.37 10^8) PFU/mI (2.49 10^8) 0 PFU on each settle plate						
Bacteriophage Phi-X174 (ATCC13706-B1) Escherichia coli (ATCC 13706) 1.1 Es	etaining screen specifications					
Bacteriophage Phi-X174 (ATCC13706-B1) Escherichia coli (ATCC 13706) 1.1 Es	surface tension of the bacteriophage uspension				0.042 ± 0.002N/m	
ost bacteria  ompatibility ratio  tarting bacteriophage challenge titer  tarting bacteriophage challenge titer (2)  tarting bacteriophage challenge titer (3)  nding bacteriophage challenge titer (2)  nding bacteriophage challenge titer (3)	Ised bacteriophage					
tarting bacteriophage challenge titer  tarting bacteriophage challenge titer (2)  tarting bacteriophage challenge titer (3)  Inding bacteriophage challenge titer (3)  Inding bacteriophage challenge titer (2)  Inding bacteriophage challenge titer (3)  Inding bacteriophage challenge titer (4)  Inding bacteriophage challenge	lost bacteria				Escherichia coli (ATCC	
tarting bacteriophage challenge titer (2) tarting bacteriophage challenge titer (3) nding bacteriophage challenge titer nding bacteriophage challenge titer (2) nding bacteriophage challenge titer (2) nding bacteriophage challenge titer (3) nvironmental plate results  PFU/ml 2.46 10^8 PFU/ml 2.37 10^8 PFU/ml 2.40 10^8 PFU/ml 2.49 10^8 0 PFU on each settle plate	compatibility ratio				1.1	
tarting bacteriophage challenge titer (3) Inding bacteriophage challenge titer Inding bacteriophage challenge titer Inding bacteriophage challenge titer (2) Inding bacteriophage challenge titer (3) Inding bacteriophage challenge titer (4) Ind	tarting bacteriophage challenge titer			PFU/ml	2.46 10^8	
nding bacteriophage challenge titer  Inding bacteriophage challenge titer (2) Inding bacteriophage challenge titer (3) Invironmental plate results  PFU/ml  2.37 10^8  PFU/ml  2.40 10^8  0 PFU/ml  2.49 10^8  0 PFU on each settle plate	tarting bacteriophage challenge titer (2)			PFU/ml	2.46 10^8	
nding bacteriophage challenge titer (2) nding bacteriophage challenge titer (3) nvironmental plate results  PFU/ml  2.40 10^8  2.49 10^8  0 PFU on each settle plate	tarting bacteriophage challenge titer (3)			PFU/ml	2.46 10^8	
nding bacteriophage challenge titer (3)  nvironmental plate results  PFU/ml  2.49 10^8  0 PFU on each settle plate	nding bacteriophage challenge titer			PFU/ml	2.37 10^8	
nvironmental plate results  0 PFU on each settle plate	nding bacteriophage challenge titer (2)			PFU/ml	2.40 10^8	
plate	nding bacteriophage challenge titer (3)			PFU/ml	2.49 10^8	
umber of PFU/ml of assay fluid <pre></pre>	nvironmental plate results					
umber of PFU/ml of assay fluid (2)    penetration)	lumber of PFU/ml of assay fluid		,		<1 (No penetration)	
periodianony	umber of PFU/ml of assay fluid (2)		<1 (No		<1 (No penetration)	,
			periodation			

The report is issued by CTC Shanghai under its General Conditions printed overleaf. The results shown in this report refer only to the sample (s) tested. Except by special arrangement, the test items will not be retained by CTC Shanghai for more than 3 months. The test report shall not be reproduced, except in full, without the written approval of the testing laboratory.



# **TEST REPORT**

Page 4/4

Report No.: \$210301983\_1

22 April 2021

APPLICANT: CRDLIGHT OPTOBLECTRONIC TECHNOLOGY

CO., LTD江门市卡迪光电科技有限公司

(C41964)

	Method	Client Requirement	Unit	Result	Conformity
Number of PFU/ml of assay fluid (3)		<1 (No penetration)		<1 (No penetration)	

### **END OF TEST REPORT**

▲: The test was carried out by external accredited laboratory under their accreditation scope.

The report is issued by CTC Shanghai under its General Conditions printed overleaf. The results shown in this report refer only to the sample (s) tested. Except by special arrangement, the test items will not be retained by CTC Shanghai for more than 3 months. The test report shall not be reproduced, except in full, without the written approval of the testing laboratory.

To declare the conformity to the requirement, the uncertainty of measurement, associated to the test results, has not been taken into account.