

## Test Report

No.: QDHL2005003791MD\_EN

Date: MAY.21,2020

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Client name : HEBEI TITANS HONGSEN MEDICAL TECHNOLOGY CO.,LTD.  
Client address : EASTERN INDUSTRIAL ZONE, NANGONG CITY, XINGTAI CITY, HEBEI, CHINA  
Sample Description : SINGLE-USE NITRILE PATIENT EXAMINATION GLOVES (BLUE)  
Lot No. : NOT PROVIDED  
Lot Size : NOT PROVIDED  
Sample Quantity : S: 200PCS, M: 200PCS, L: 200PCS, XL: 200PCS  
Style/ Item No. : S, M, L, XL  
Manufacture : HEBEI TITANS HONGSEN MEDICAL TECHNOLOGY CO.,LTD.  
Country of Origin : CHINA  
Country of Destination : EUROPE & USA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

\*\*\*\*\*

Sample Receiving Date : MAY.06,2020  
Test Performing Date : MAY.06,2020 TO MAY.21,2020  
SGS Ref. No. : TJHL2004002164MD

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### Test Requested

### Result

- |   |      |
|---|------|
| 1. BS EN 455-1:2000 MEDICAL GLOVES FOR SINGLE USE – PART 1:<br>REQUIREMENTS AND TESTING FOR FREEDOM FROM HOLES (CLAUSE 5.1)<br>(FOR SIZE S ONLY)        | Pass |
| 2. BS EN 455-2:2015 MEDICAL GLOVES FOR SINGLE USE – PART 2:<br>REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES (CLAUSE 4.2,<br>4.3) (FOR SIZE L ONLY)  | Pass |
| 3. BS EN 455-2:2015 MEDICAL GLOVES FOR SINGLE USE – PART 2:<br>REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES (CLAUSE 5.2,<br>5.3) (FOR SIZE XL ONLY) | Pass |
| 4. BS EN 455-3:2015 MEDICAL GLOVES FOR SINGLE USE—PART 3:<br>REQUIREMENTS AND TESTING FOR BIOLOGICAL EVALUATION (CLAUSE 4.4)<br>(FOR SIZE M ONLY)       | Pass |

Remark: - Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be used for publicity, without prior written approval of the SGS.

SGS-CSTC Standards  
Technical Services (Qingdao)  
Co., Ltd.

*Jessica Gao*



Jessica Gao  
Approved Signatory

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### Test Conducted:

#### 1. BS EN 455-1:2000 Medical gloves for single use – Part 1: Requirements and testing for freedom from holes

Number of test sample	:	200 Pieces
Sample size	:	S
Number of non-conforming gloves	:	0

Clause	Test Items	Result
5	Watertightness test for detection of holes	---
5.1	Referee testing	Pass (See note 1)

Note : 1 Sample quantity: 200pcs, AQL:1.5, Ac:7, Re:8, Found:0.  
The sample selecting amount for this clause is deviated to 200 pcs as assessed by SGS.

#### 2. BS EN 455-2:2015 Medical gloves for single use – Part 2: Requirements and testing for physical properties

Number of test sample	:	26 Pieces
Type	:	Examination/procedure gloves b)
Size	:	Examination/procedure gloves: L, XL

Clause	Test Items	Result
4	Dimensions (for size L only)	---
4.2	Length	Pass (See result 1)
4.3	Width	Pass (See result 1)
5	Strength (for size XL only)	---
5.2	Force at break	Pass (See result 2)
5.3	Force at break after challenge testing	Pass (See result 2)

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## Result 1: Dimensions

Size	L	
No.	Length (mm)	Width (mm)
1	285	109
2	290	109
3	284	109
4	290	109
5	289	109
6	289	108
7	290	110
8	287	108
9	285	109
10	286	109
11	287	109
12	286	109
13	289	108
Standard requirement	≥240	110±10
Median value	287	109

## Result 2: Strength

Size: XL			
Force at break (N)			
Before aging		After aging	
No.	/	No.	/
1	7.8	1	7.2
2	7.7	2	7.6
3	7.9	3	7.7
4	7.1	4	6.9
5	8.3	5	7.4
6	7.4	6	6.9
7	7.5	7	7.0
8	7.2	8	6.6
9	7.8	9	7.6
10	7.0	10	7.0
11	7.6	11	7.3
12	7.5	12	7.1
13	7.7	13	7.3
Standard requirement	≥6.0	Standard requirement	≥6.0
Median value	7.6	Median value	7.2

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### 3. BS EN 455-3:2015 Medical gloves for single use – Part 3: Requirements and testing for biological evaluation

Number of test sample	:	5 Pieces
Sample size	:	M
Finishes of gloves	:	Powdered-free gloves other than surgeon's gloves

Clause	Test Items	Result
4.4	Powder-free gloves	Pass (See note 1)

Note : 1 Test according to EN ISO 21171:2006, the average mass of powder per glove is 0.02mg. (Requirement: ≤2mg per powder-free glove)

Remark: The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

#### Sample Photo:

Received Sample

Received Sample



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*



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