Test Report No. 7191205302-EEC19-WBH dated 01 Mar 2019

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SUBJECT:

Testing of Disposable Nitrile Glove submitted by Medical Products Co., Ltd. on 18 Feb 2019.

TESTED FOR:

| Medical Products Co., Ltd |
|-----------------------------------|
| g Road |
| y Park, Qingzhou, Shandong, China |

TEST DATE:

25 Feb 2019

DESCRIPTION OF SAMPLES:

| S/N | Product Description | Colour | Lot No. | Size | Sample received (pieces) | Manufacturer |
|-----|--------------------------|--------|---------|------|--------------------------------|--|
| 1 | Disposable Nitrile Glove | Blue | 13 | M | 217 | Shandong Intco Medical Products Co., Ltd |

Lot size as specified by client: 35,001 to 150,000 pieces

METHOD OF TEST:

EN 455-1:2000 Medical gloves for single use

Part 1: Requirements and testing for freedom from holes



Laboratory: TÜV SÜD PSB Pte. Ltd. No.1 Science Park Drive Singapore 118221

Phone: +65-6885 1333 Fax: +65-6776 8670 E-mail: enquiries@tuv-sud-psb.sg www.tuv-sud-psb.sg Co. Reg: 199002667R

Regional Head Office: TÜV SÜD Asia Pacific Pte. Ltd. 1 Science Park Drive, #02-01 Singapore 118221

Test Report No. 7191205302-EEC19-WBH dated 01 Mar 2019



RESULTS:

Sample: Disposable Nitrile Glove, Size M

Table: Results for EN 455-1:2000

| Clause | Tests | Requirements | No. of non-compliers allowed (pieces) | Number tested (pieces) | Actual no. of non-compliers found (pieces) | Inferred results |
|--------|--------------------|----------------|---|------------------------------|--|---------------------|
| 4 5 | Freedom from holes | Shall not leak | 7 | 200 | 0 | Passed |

REMARKS:

1. The manufacturing lot no. was not provided by the client.

Yeo Poh Kwang Higher Associate Engineer Wong Bee Hui Product Manager Medical Health Services (NAM)

APPENDIX:



Photo: Disposable Nitrile Glove, Size M

Test Report No. 7191205302-EEC19-WBH dated 01 Mar 2019



Please note that this Report is issued under the following terms:

- 1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
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July 2011



Test Report No.: QDHL1909015461OT Date: SEP.25,2019 Page: 1 of 3

CAL PRODUCTS CO., LTD NAOSHAN INDUSTRY PARK, QINGZHOU, SHANDONG, CHINA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : METRO/MAKRO PROFESSIONAL NITRILE GLOVES, NON-

POWDERED, BLUE

Sample Receiving Date : SEP.12,2019

Testing Period : SEP.12,2019 TO SEP.25,2019

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT

Test Requested : EN 455-2-2015 MEDICAL GLOVES FOR SINGLE USE – PART 2:

REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES

Test Result(s) : PLEASE REFER TO THE FOLLOWING PAGE(S)

Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

SGS-CSTC Standards Technical Services (Qingdao)

Co., Ltd.

Zhou Xinkuan, SK Lab Manager





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Test Report No.: QDHL1909015461OT Date: SEP.25,2019 Page: 2 of 3

Test Conducted:

EN 455-2-2015 Medical gloves for single use – part 2: Requirements and testing for physical properties

| | _ | | |
|---------------------------------|-----------------------------------|---------------------------------|--|
| Number of test sample | : | 26 Pieces | |
| The type of gloves | : examination/procedure gloves c) | | |
| Manufacturing batch code | : | 1 | |
| Size | : | Examination/procedure gloves: M | |
| Defects observed before testing | : | No defects | |

| <u>Clause</u> | <u>Test Items</u> | <u>Result</u> | <u>Note</u> |
|---------------|--|---------------|-------------|
| 5 | Strength | | |
| 5.2 | Force at break | Pass | # 1 |
| 5.3 | Force at break after challenge testing | Pass | # 1 |

Notes: #1 See result 1

Test Result:

1. Strength

Sample Quantity: 13pcs

| Size | | | | | | | М | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Force at break(N) | 7.8 | 8.5 | 8.0 | 9.0 | 9.4 | 8.9 | 6.8 | 7.1 | 8.2 | 8.9 | 8.3 | 8.6 | 8.4 |
| Force at break after challenge testing(N) | 7.8 | 7.6 | 8.3 | 7.6 | 6.5 | 6.1 | 8.4 | 7.4 | 6.8 | 6.8 | 8.5 | 7.2 | 6.0 |

Median value:

Force at break during shelf life (N): 8.4 Force at break after challenge testing (N): 7.4





Test Report No.: QDHL1909015461OT Date: SEP.25,2019 Page: 3 of 3

Requirements: see table 3

Table 3 — Median values of force at break

| | | Force at break in Newton | | | |
|---|--------------------|-----------------------------|----------------------|--|--|
| | Surgical gloves a) | Examination/pr | ocedure gloves c) | | |
| Throughout shelf life tested according to 5.2 and within 12 months of manufacture tested according to 5.3 | ≥ 9,0 | ≥ 6,0 | ≥ 3,6 | | |

- a) Requirements for all surgical gloves.
- b) Requirements for all examination gloves, except gloves made from thermoplastic materials (e.g. polyvinylchloride, polyethylene)..
- Requirements for gloves made from thermoplastic materials (e.g. polyvinylchloride, polyethylene).

Sample Photo:

Received sample



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End of Report



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Test Report No.: SHHG1512047994MD Date: DEC. 09, 2015 Page: 1 of 3

DUCTS CO., LTD

RY PARK, QINGZHOU, SHANDONG, CHINA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : NITRILE GLOVES

SGS Ref. No. : QDHG1512005952OT

Sample Receiving Date : DEC. 03, 2015

Testing Period : DEC. 03, 2015 TO DEC. 09, 2015

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested : POWDER (EN 455-3-2006 MEDICAL GLOVES FOR

SINGLE USE—PART 3:REQUIREMENTS AND TESTING

FOR BIOLOGICAL EVALUATION CLAUSE 4.4)

Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE

FOLLOWING PAGE(S)

Conclusion : THE SUBMITTED SAMPLE MET THE TEST

REQUIREMENT.

Signed for and on behalf of

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

udens



Technical Manager



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Test Report No.: SHHG1512047994MD Date: DEC. 09, 2015 Page: 2 of 3

Test Conducted:

EN 455-3-2006 Medical gloves for single use—Part 3:Requirements and testing for biological evaluation

| Number of test sample | : | 5 Pieces |
|---------------------------------|---|--|
| Finishes of gloves | : | Powdered-free gloves other than surgeon's gloves |
| Defects observed before testing | : | No defects |
| Test Result | : | Pass |

| Clause | Test Items | Result | Note |
|--------|------------|--------|------|
| 4.4 | Powder | Pass | #1 |

Note:

- Test according to EN ISO 21171-2006.
- The quantity of powder was 0.2mg<2mg.



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Test Report

No.: SHHG1512047994MD

Date: DEC. 09, 2015 Page: 3 of 3

Sample Photo:

Received sample



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e sgs.china@sgs.com



Test Report

No.: SHHL1703010315MD-01

Date: MAR. 28, 2017

Page: 1 of 5

AL PRODUCTS CO., LTD

NAOSHAN INDUSTRY PARK, QINGZHOU, SHANDONG, CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL1703010315MD

DATE: MAR. 22, 2017

The following sample(s) was/were submitted and identified by the client as:

Sample Description : CLEAR VINYL EXAMINATION GLOVES

SGS Ref. No. : QDHL1703004208OT

LOT No. : 5516-20170101
Sample Receiving Date : MAR. 10, 2017

Testing Period : MAR. 10, 2017 TO MAR. 22, 2017

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT

Test Requested : 1. FREEDOM FROM HOLES (ASTM D5250-06

(REAPPROVE 2015) CLAUSE 6.1.2)

2. PHYSICAL DIMENSIONS (ASTM D5250-06

(REAPPROVE 2015) CLAUSE 6.1.3)

3. PHYSICAL PROPERTY CHARACTERISTICS (ASTM

D5250-06 (REAPPROVE 2015) CLAUSE 6.1.4)

4. POWDER RESIDUE FOR POWDER FREE GLOVES

(ASTM D5250-06 (REAPPROVE 2015) CLAUSE 6.1.5)

Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE

FOLLOWING PAGE(S)

Conclusion : THE SUBMITTED SAMPLE MET THE TEST

REQUIREMENT.

Signed for and on behalf of

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

Melody Zhang Authorized Signatory



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Test Report No.: SHHL1703010315MD-01 Date: MAR. 28, 2017 Page: 2 of 5

Test Conducted:

ASTM D 5250-06 (Reapprove 2011) Standard Specification for Poly (vinyl chloride) Gloves for Medical Application

| Clause Test Items | | 1 | Dooult | Noto |
|---------------------------------|----|------------|--------|------|
| Test Result | 1: | Pass | | |
| Defects observed before testing | : | No defect | | |
| Accelerated aging condition | : | 70 ℃, 72 h | | |
| Number of test sample | : | 244 pcs | | |

| Clause | restitems | Resuit | Note |
|--------|---------------------------------------|--------|------|
| 6.1.2 | Freedom from Holes | Pass | #1 |
| 6.1.3 | Physical dimensions | Pass | #2 |
| 6.1.4 | Physical property characteristics | Pass | #3 |
| 6.1.5 | Powder Residue For Powder Free Gloves | Pass | #4 |

Notes: #1- Test details see test result 1.

- # 2- Test details see test result 2.
- # 3- Test details see test result 3.
- # 4- Test details see test result 4.
- #5- The sample selecting amount for Freedom from Holes is deviated to 200 pcs as accessed by SGS.
- #6- The sample selecting amount for Physical dimensions and Physical property characteristics is deviated to 13 pcs per test as accessed by SGS.
- # 7- The hardness of the glove materials is < 35 IRHD as per client's claim.



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Test Report No.: SHHL1703010315MD-01 Date: MAR. 28, 2017 Page: 3 of 5

Test Result:

1. Freedom from Holes

Sample Quantity: 200

AQL: 2.5 Accept: 10 Reject: 11 Found: 0

2. Dimensions

Sample Quantity: 13

4.0 Accept: 1 Reject: 2 Found: 0 AQL:

| | | Length | Width | Thickness at finger | Thickness at palm |
|------|------------|--------|-------|---------------------|-------------------|
| Size | Sample No. | | | | - |
| | | mm | mm | mm | mm |
| | 1 | 250 | 96 | 0.057 | 0.119 |
| | 2 | 252 | 98 | 0.055 | 0.126 |
| | 3 | 250 | 95 | 0.060 | 0.120 |
| | 4 | 240 | 95 | 0.056 | 0.168 |
| | 5 | 245 | 95 | 0.058 | 0.094 |
| | 6 | 250 | 95 | 0.056 | 0.099 |
| М | 7 | 246 | 97 | 0.056 | 0.142 |
| IVI | 8 | 250 | 96 | 0.056 | 0.083 |
| | 9 | 250 | 96 | 0.051 | 0.106 |
| | 10 | 247 | 96 | 0.056 | 0.104 |
| | 11 | 246 | 95 | 0.057 | 0.154 |
| | 12 | 247 | 96 | 0.051 | 0.105 |
| | 13 | 250 | 96 | 0.058 | 0.107 |
| | Found | 0 | 0 | 0 | 0 |

Requirements: see table 1

Table 1 Dimensions and tolerances

| Designation | | | Tolerance, | | | | | |
|--|---------|-------------------|--------------|-----|-----|---------|------|----|
| | | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | mm |
| Width by size, mm | 76 | 83 | 89 | 95 | 102 | 108 | 114 | 6 |
| Width by small, medium, large, and extra large, mm | a small | | medium large | | ge | x-large | | |
| Large, mm | | 35 | 9 | 95 | 10 |)5 | 115 | 5 |
| Length, mm | | 230 for all sizes | | | | | Min. | |
| Thickness, mm | | | | | | | | |
| Finger | | 0.05 | | | | | Min. | |
| Palm | | | 0.08 | | | Min. | | |



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Test Report No.: SHHL1703010315MD-01 Date: MAR. 28, 2017 Page: 4 of 5

3. Tensile properties

Sample Quantity: 26

AQL: 4.0 Accept: 1 Reject: 2 Found: 0

| Comple | Before | e ageing | After | ageing |
|---------------|------------------|---------------------|------------------|---------------------|
| Sample No. | Tensile strength | Ultimate Elongation | Tensile strength | Ultimate Elongation |
| INO. | MPa | % | MPa | % |
| 1 | 16.2 | 500.0 | 16.5 | 516.7 |
| 2 | 20.0 | 670.0 | 17.8 | 600.0 |
| 3 | 18.1 | 526.7 | 18.5 | 536.6 |
| 4 | 14.8 | 446.7 | 14.3 | 413.3 |
| 5 | 19.1 | 503.3 | 14.6 | 470.0 |
| 6 | 18.0 | 533.3 | 13.5 | 336.7 |
| 7 | 15.1 | 479.9 | 18.9 | 603.3 |
| 8 | 14.8 | 430.0 | 16.8 | 516.7 |
| 9 | 15.4 | 523.3 | 16.1 | 460.0 |
| 10 | 16.9 | 513.3 | 17.1 | 540.0 |
| 11 | 15.9 | 523.3 | 17.8 | 493.3 |
| 12 | 18.1 | 532.0 | 15.4 | 500.0 |
| 13 | 18.3 | 603.3 | 17.4 | 536.6 |
| Found | 0 | 0 | 0 | 0 |

Requirements: see table 2

Table 2- Physical requirements

| Table 2-1 Hysical requirements | | | | |
|--------------------------------|-----------------------|--|--|--|
| Tensile strength, MPa, | Ultimate Elongation,% | | | |
| Min. | Min. | | | |
| 11 | 300 | | | |

4. Powder Residue for Powder Free Gloves

| Test Item | Test Method | Requirement | Test result | Rating |
|----------------|-------------|---------------------------------------|-------------|--------|
| Powder residue | Clause 7.6 | Have a powder residue limit of 2.0 mg | 0.60 | Pass |



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Test Report

No.: SHHL1703010315MD-01

Date: MAR. 28, 2017

Page: 5 of 5

Sample Photo:

Sample as received (Size M)



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Test Report No.: SHHL1703010719MD-01 Date: MAR. 28, 2017 Page: 1 of 5

QINGDAO HARDLINES LAB

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL1703010719MD

DATE: MAR. 22, 2017

The following sample(s) was/were submitted and identified by the client as:

Sample Description : BLUE NITRILE EXAMINATION GLOVES

SGS Ref. No. : QDHL1703004209OT

LOT No. : 5516-20170104 Sample Receiving Date : MAR. 13, 2017

Testing Period : MAR. 13, 2017 TO MAR. 22, 2017

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT

Test Requested : 1. FREEDOM FROM HOLES (ASTM D6319-10 CLAUSE

6.1.2)

2. PHYSICAL DIMENSIONS (ASTM D6319-10 CLAUSE

6.1.3)

3. PHYSICAL PROPERTY CHARACTERISTICS (ASTM

D6319-10 CLAUSE 6.1.4)

4. POWDER RESIDUE FOR POWDER FREE GLOVES

(ASTM D6319-10 CLAUSE 6.1.5)

Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE

FOLLOWING PAGE(S)

Conclusion : THE SUBMITTED SAMPLE MET THE TEST

REQUIREMENT.

Signed for and on behalf of

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

Melody Zhang Authorized Signatory



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Test Report No.: SHHL1703010719MD-01 Date: MAR. 28, 2017 Page: 2 of 5

Test Conducted:

ASTM D6319-10 Standard Specification for Nitrile Examination Gloves for Medical Application

Number of test sample : 244 pcs
Accelerated aging condition : 70 ℃, 166 h
Defects observed before testing : No defect
Test Result : Pass

| Clause | Test Items | Result | Note |
|--------|---|---------------------|-----------|
| 6.1.2 | Freedom from Holes | Pass | #1 |
| 6.1.3 | Physical dimensions | Pass | #2 |
| 6.1.4 | Physical property characteristics | Pass | #3 |
| 6.1.5 | Powder Residue For Powder Free Gloves | Pass | #4 |
| Notes | : # 1- Test details see test result 1. # 2- Test details see test result 2. # 3- Test details see test result 3. # 4- Test details see test result 4. # 5- The sample selecting amount for Freedom from Hole accessed by SGS. | es is deviated to 2 | 00 pcs as |

characteristics is deviated to 13 pcs per test as accessed by SGS. The hardness of the glove is materials < 35 IRHD as per client's claim.

The sample selecting amount for Physical dimensions and Physical property



6-

7-

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Test Report No.: SHHL1703010719MD-01 Date: MAR. 28, 2017 Page: 3 of 5

Test Result:

1. Freedom from Holes

Sample Quantity: 200

AQL: Found: 0 2.5 Accept: 10 Reject: 11

2. Dimensions

Sample Quantity: 13

AQL: 4.0 Accept: 1 Reject: 2 Found: 0

| Cino | Cample No | Length | Width | Thickness at finger | Thickness at palm |
|------|------------|--------|-------|---------------------|-------------------|
| Size | Sample No. | mm | mm | mm | mm |
| | 1 | 245 | 95 | 0.094 | 0.059 |
| | 2 | 246 | 95 | 0.099 | 0.062 |
| | 3 | 235 | 95 | 0.103 | 0.059 |
| | 4 | 243 | 95 | 0.096 | 0.058 |
| | 5 | 240 | 95 | 0.106 | 0.062 |
| | 6 | 242 | 95 | 0.093 | 0.060 |
| М | 7 | 245 | 98 | 0.103 | 0.061 |
| IVI | 8 | 246 | 96 | 0.094 | 0.058 |
| | 9 | 245 | 95 | 0.100 | 0.059 |
| | 10 | 243 | 94 | 0.093 | 0.056 |
| | 11 | 243 | 95 | 0.086 | 0.056 |
| | 12 | 245 | 94 | 0.089 | 0.063 |
| | 13 | 243 | 95 | 0.091 | 0.060 |
| | Found | 0 | 0 | 0 | 0 |

Requirements: see table 1

Table 1 Dimensions and tolerances

NOTE: Sizing that falls within the tolerance overlaps between two sizes may be labeled as a size range including both sizes, for example, small/medium and medium/large.

| Designation | | Tolerance, | | | | | | |
|-------------------|------|------------|-------|---------|--------|-------|---------|------|
| Designation | 6 | 6½ | 7 | 71/2 | 8 | 81/2 | 9 | mm |
| Width by size, mm | 75 | 83 | 89 | 95 | 102 | 108 | 114 | ±6 |
| Width by | | x-small | small | unisize | medium | large | X-Large | |
| | | 70 | 80 | 85 | 95 | 110 | 120 | ±10 |
| Length, mm | | 220 | 220 | 230 | 230 | 230 | 230 | Min. |
| Thickness, mm | | | | | | | | |
| Finger | | | | 0.0 | 5 | | | Min. |
| Palm | 0.05 | | | | Min. | | | |



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4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233

t (86) 400 960 9661 f (86-21) 6115 6899 www.sgsgroup.com.cn



Test Report No.: SHHL1703010719MD-01 Date: MAR. 28, 2017 Page: 4 of 5

3. Tensile Properties

Sample Quantity: 26

AQL: 4.0 Accept: 1 Reject: 2 Found: 0

| Comple | Before | e ageing | After | ageing |
|---------------|-------------------------|-----------------------|-------------------------|-----------------------|
| Sample No. | Tensile strength MPa | Ultimate Elongation % | Tensile strength MPa | Ultimate Elongation % |
| 1 | 21.6 | 856.7 | 27.3 | 793.3 |
| 2 | 31.3 | 746.7 | 31.6 | 833.3 |
| 3 | 34.6 | 749.6 | 23.2 | 706.7 |
| 4 | 31.7 | 1023.3 | 32.2 | 893.3 |
| 5 | 29.3 | 996.7 | 24.8 | 680.0 |
| 6 | 23.3 | 916.7 | 29.9 | 810.0 |
| 7 | 21.9 | 952.5 | 28.1 | 806.7 |
| 8 | 30.4 | 1016.7 | 29.5 | 806.7 |
| 9 | 29.5 | 1040.0 | 32.7 | 856.7 |
| 10 | 34.1 | 1058.8 | 34.3 | 1023.3 |
| 11 | 28.3 | 1030.0 | 30.1 | 853.3 |
| 12 | 17.1 | 826.7 | 26.1 | 846.7 |
| 13 | 25.5 | 976.6 | 32.3 | 980.0 |
| Found | 0 | 0 | 0 | 0 |

Requirements: see table 1

Table 1- Physical requirements

| Before aging | | | After | aging |
|------------------|---------------------|-----|---------------|---------------------|
| Tensile strength | Ultimate Elongation | Ten | sile strength | Ultimate Elongation |
| 14 MPa Min. | 500% Min. | 14 | MPa Min. | 400% Min. |

4. Powder Residue for Powder Free Gloves

| Test Item | Test Method | Requirement | Test result | Rating |
|----------------|-------------|--|-------------|--------|
| Powder residue | Clause 7.6 | Have a powder residue limit of 2.0 mg. | 0.46 | Pass |



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Test Report

No.: SHHL1703010719MD-01

Date: MAR. 28, 2017

Page: 5 of 5

Sample Photo:

Sample as received (Size M)



SGS authenticate the photo on original report only

End of Report



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Certificate

The Certification Body of TÜV Rheinland LGA Products GmbH

hereby certifies that the organization



has established and applies a quality management system for medical devices for the following scope:

Design and Development, Manufacture and Distribution of Medical Devices (see attachment for products and additional sites included)

Proof has been furnished that the requirements specified in

EN ISO 13485:2012 EN ISO 13485:2012/AC:2012

are fulfilled. The quality management system is subject to yearly surveillance.

Certificate Registration No.:

SX 60079

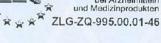
An audit was performed. Report No.: 15044656 002

This Certificate is valid until:

21.08.2016



Certification Body



TÜVRheinlar

Date 13.11.2012

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Tel.: +49 221 806-1371 Fax: +49 221 806-3935 e-mail:cert-validity@de.tuv.com http://www.tuv.com/safety



TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg Doc. 1/3, Rev. 0

Attachment to Registration No.:

Report No.:

SX 60079 15044656

Organization:

ng Rd., Minhang 201114 Shanghai China

Scope:

Products:

- Disposable Electrosurgical Active Electrodes (Electrosurgical Pencils)
- Disposable Patient Plate (Grounding Pads)

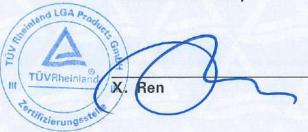
o., Ltd. lock F,

- Disposable ECG Electrodes
- Wheelchairs
- Cold Packs
- Hot Packs
- Hot/Cold Packs
- Warmers
- Examination Gloves
- Disposable Non-woven Products
- Cool Gel Mats
- Hot/cold Pads
- Cooling Patch



Date: 2012-11-13

Certification Body





Doc. 2/3, Rev. 0

TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to

Registration No.: Report No.: SX 600794

15044656

Organization:

s Co., Ltd. 9, Block F,

Ring Rd., Minhang

201114 Shanghai

China

Scope:

Sites included:

Shanghai Intco Electrode Manufacturing Co., Ltd.

No. 1358, Hubin Road, Fengxian District

Shanghai 201417, P. R. China

Manufacture of Disposable ECG Electrodes, Disposable Electrosurgical Active Electrodes (Disposable

Electrosurgical Pencils), Disposable Patient Plate

(Grounding Pads)

Shanghai Intco Medical Supply Co., Ltd. No. 1358, Hubin Road, Fengxian District

Shanghai 201417, P. R. China

Manufacture of Cold Packs and Hot Packs, Hot/Cold Packs,

Warmers, Hot/Cold Pads



Date: 2012-11-13

Certification Body

TÜVRheinland XII R



TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg Doc. 3/3, Rev. 0

Attachment to Registration No.:

Report No.:

SX 6007

1504465

Organization:

, Ltd. ck F, Rd..

Rd., Minhang 201114 Shanghai

China

Scope:

Sites included:

INTCO (Zhenjiang) Machinery Co., Ltd. No. 77 Yandunshan Road, Dagang Zhenjiang,

Jiangsu Province 212132, China

Manufacture of Wheelchairs, Cold Packs, Hot Packs, Hot/Cold

Packs, Cool Gel Mats, Warmers



Date: 2012-11-13





Compliance Report

| Applicant: | Products Co., Ltd. | | | | |
|------------|--|--|--|--|--|
| Address: | Qilu Chemical Industry Park, Zibo City | | | | |
| | Shandong Province, China | | | | |
| Product: | Vinyl Examination Gloves | | | | |
| Type: | XS, S, M, L, XL | | | | |

Product Classification: Class I

The submitted technical files including test report of the above products have been reviewed against the self declaration requirements of conformity for CE marking according to Annex I & VII of the 93/42/EEC Medical Device Directive (including 2007/47/EC).

The review result of the technical files and test report support the self declaration for the devices listed above. The test report and the technical files are the annex of this report and should be used together.

Where the manufacturer affix's the CE marking to the product listed they must ensure that all the requirements of the appropriate EU directive(s) have and continue to be met.

This report is not a certificate of conformity.

No. 01919

Initial Issue Date: 20 Apr 2012 Reissue Date: 28 Dec 2012

General Manager (Signature)

This report is the property of NQA and should be returned to NQA upon request.





oducts Co. Ltd dustrial Park Qingzhou Shandong 262506 China

Notified Body: 2777

SATRA customer number: P1720

EU Type-Examination Certificate

Certificate number: 2777/11030-03/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation:

Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:

Clear – 697024575 XXX Yellow – 697024575 XXX

Blue - 697024575 XXX

White - 697024575 XXX

Description:

Disposable vinyl Powdered and Powder-Free, non-sterile gloves

| e White | Clear | Yellow |
|---------|----------------------------------|-------------------------------------|
| 1 231 | 201 | 211 |
| 2 232 | 202 | 212 |
| 3 233 | 203 | 213 |
| 4 234 | 204 | 214 |
| 5 235 | 205 | 215 |
| | 1 231 2 232 3 233 4 234 | 2 232 202 3 233 203 4 234 204 |

| Classification: | | |
|---------------------------------------|-------|----------------------|
| EN ISO 374-1:2016/Type B | Level | Degradation % |
| Sodium Hydroxide 40% (K) | 6 | -19.9 |
| Hydrogen peroxide 30%(P) | 2 | 22.1 |
| Formaldehyde 37% (T) | 3 | 19.2 |
| EN ISO 374-5:2016 | | |
| Protection against bacteria and fungi | Pass | |
| Protection against viruses | Pass | |

Standards/Technical specifications applied:

EN 420: 2003+A1: 2009; EN 388:2016; EN ISO 374-1:2016; EN ISO 374-5:2016

Technical reports/Approval documents:

SGS: CH:TX:7420016049, CH:TX:7420016055,QDHL1703003987OT, QDHL1703003988OT, CH:TX: 9420028491-1,

CH:TX:9420028490, CH:TX:1042061966, CH:TX:1042059408 SATRA: CHT0272448/1814. CHT0285339/1921, CHT0280247/1903

TUV: 721642857-1, 719223458-EEC19-WBH CR1, 7191221099-CHM19-TSL

Signed on behalf of SATRA:

Anila Beennan

Anita Brennan

delaupool

Jacque Glasspool

Date first issued: 06/08/2018 Date of issue: 09/01/2020

Expiry date: 06/08/2023

Page 1 of 2

TERMS AND CONDITIONS

The following conditions apply in addition to SATRA's standard terms and conditions of business and those given in the current certification agreement.

The certificate holder is licensed to mark the products detailed within this certificate in accordance with Annex V (Module B) of the Regulation (EU) 2016/425 of the European Parliament and of the council of 9th March 2016 on personal protective equipment once you have drawn up an EU declaration of product conformity.

Please note:

- 1. Where the product is classified as category III then CE Marking of production is reliant on current compliance with Regulation 2016/425 module C2 or Module D. (Except that specifically produced to fit an individual user).
- 2. Full details of the scope of the certification and product(s) certified are contained within the manufacturer's technical documentation.
- 3. Where a translation of this certificate exists, the English language version shall be considered as the authoritative text.
- 4. Certification is limited to production undertaken at the sites listed in the manufacturers technical documentation.
- 5. Ongoing manufactured product shall be consistent with the product(s) certified and listed on this certificate.
- 6. The Manufacturer shall inform SATRA of any changes to the certified product or technical documentation.
- 7. Where results obtained during type testing are within the budget of uncertainty when compared to the pass requirement, classification or performance level, then it is the responsibility of the manufacturer to ensure that the factory production control and manufacturing tolerances are such that the product placed on the market meets with the stated requirements, classifications or performance levels.
- 8. This certificate shall be kept together with the relevant technical documentation in a safe place by the client named on this certificate. Production of this certificate and other documentation may be required by a representative of the EC member state government.
- 9. This certificate relates only to the condition of the testable items at the time of the certification procedure and is subject to the expiry date shown.
- SATRA reserves the right to withdraw this certificate if it is found that a condition of manufacture, design, materials or packaging have been changed and therefore no longer comply with the requirements of Regulation 2016/425.



PPE REGULATION (EU) 2016/425 MODULE C2 CERTIFICATE



This is to certify that the following products tested under SATRA reports referenced: STE0293607 & CHM0295494/2009/JH have been found to satisfy the requirement of PPE Regulation (EU) 2016/425 Module C2 EU quality control system for the final product for and on behalf of SATRA Technology Europe Limited

| EU TYPE EXAMINATION CERTIFICATE NUMBER | PRODUCT GROUP REFERENCE | PRODUCT TYPE | CLASSIFICATION |
|--|----------------------------|---|--------------------------|
| 2777/11804-01/E00-00 | 697024575 | Disposable nitrile Non-sterile glove | |
| | Blue 697024575 601-605 | | EN ISO 374- |
| | Violet 69724575 631-635 | | 1:2016+A1:2018 Type B |
| | White 69724575 641-645 | giove | |
| | Black 69724575 651-655 | | |

Dated:

5th March 2020

This certificate is valid until:

March 2021

Signed By (Alan Weston)

For and on behalf of SATRA Technology Europe Limited



The issuance of this certificate is subject to the company maintaining its manufacturing and quality system to the required standard.

SATRA Technology Europe Limited. Bracetown Business Park Clonee Dublin 15 D15 YN2P. Republic of Ireland. (Notified Body number 2777)

Tel: +353 (0) 1 437 2484 Web: www.satraeurope.com



Shandong Yinghong Medical Products Co., Ltd. No. 15 East Road, Hongrun Industry Park, Qingzhou, Shandong, China Tel: 0086-536-5768606

INDICATIONS FOR USE

| Applicant: | Medical I | Products Co., Ltd. | |
|---|---|--|----------------------------------|
| 510(k) Number: | K110981 | | |
| Device Name: | Patient Nitrile Examina Blue Color | ation Gloves, Powder free, No | on-Sterile, |
| Indications of Use: | | | |
| A patient examinat worn upon the examiner (21CFR a | miner's hands or finger to | levice intended for medical pu prevent contamination betwee | rposes that is en patient and |
| Prescription Use _ | and the state of | Over the Counter Use | X |
| 5° 50 | | Factory Initials | |
| | (Division Sign-Off) Division of Anesthe Infection Control, D 510(k) Number: | esiology, General Hospital Jental Devices | |



Document Number: INTCO-CE-DC-PVC-001 Version: A/1

EU DECLARATION OF CONFORMITY

| Manufacturer | Authorized Representative | | |
|--|---|--|--|
| Medical Products | Name: Lotus NL B.V. | | |
| oad, Naoshan hou, Shandong, | Address: Koningin Julianaplein 10, le Verd, 2595AA, The Netherlands | | |
| China | | | |
| Declares that the MDR described hereafter | | | |
| Product name and model: | | | |
| Disposable Viny | I (PVC) Gloves | | |
| UMDNS code: 11882 | | | |
| UDI-DI: 6970245751019 / 697024575102 | 26 / 6970245751033 / 6970245751040 / | | |
| 6970245751057 | | | |
| Meet the provisions of the Council Regulation E | U 2017/745 which apply to them. | | |
| | 11. 2 | | |
| The medical device has been assigned to class I | according to Annex VIII of the Regulation EU | | |
| 2017/745. It bears the mark | according to 1 miles vin of the regulation 20 | | |
| | | | |
| | ϵ | | |
| CONFORMITY ASSESSMENT ROUTE: EU. | | | |
| CONFORMITT ASSESSMENT ROUTE. EU | 2017/743, Almex 1 & VII | | |
| This Declaration of conformity is valid in conne | ction with the release document for the | | |
| respective batch of produced devices. | | | |
| 100 0 ♣ 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | |
| The above mentioned declaration of conformity | is exclusively under the responsibility of | | |
| | Medical Products Co., Ltd. | | |
| Address: Qiwang Road, Naoshan Indus | strial Park. Qingzhou, Shandong, China | | |
| | A THE | | |
| Shandong 2019-05-06 | Chi Yongtao Plant manager | | |
| | 1 1 1 1 1 1 | | |
| Place , date | Legally binding signature, Function | | |