

Lyncmed Product Profile

LyncMed

MEDICAL

THE FIGHT AGAINST EPIDEMIC

INTELLINOVATION
联医英泰

FACE MASK

LyncMed

三层 过滤

2020
Medical health
空气当然是过滤的好

联医医疗为您的健康护航
LyncMed Escorts Your Health

LyncMed

3 Layer Non-woven Disposable Face Mask

Disposable Face Mask Key Features:

- Skin Friendly High Quality PP Material, 3-Ply
- Low Breathing Resistance, Bacterial Filtration Efficiency(BEF)>98%
- Ear Loop, Elastic Band, Latex Free
- Anatomic Adjustable Integrated nose bridge
- Size: 17.5*9.5cm



Face Mask Packing & Artwork



New Box Design Artwork



Previous LM Face Mask Box Picture



Face Mask Carton Design Artwork



Face Mask Carton Design Artwork

Face Mask Certificates –EN14683 BEF Test Report



Sponsor:
Mavis CUI
Lyncmed Medical Technical (Beijing) Co., Ltd
Room 119, No. 1111
South Huihe Road, Chaoyang District
Beijing, 100000
CHINA

Bacterial Filtration Efficiency (BFE) and Differential Pressure (Delta P) Final Report

Test Article: Product Name: Non-woven Face mask
LOT No.: CMA4714
Study Number: 1088913-S01
Study Received Date: 23 Aug 2018
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0004 Rev 15
Deviation(s): None

Summary: The BFE test is performed to determine the filtration efficiency of test articles by comparing the bacterial control counts upstream of the test article to the bacterial counts downstream. A suspension of *Staphylococcus aureus* was aerosolized using a nebulizer and delivered to the test article at a constant flow rate and fixed air pressure. The challenge delivery was maintained at $1.7 - 2.7 \times 10^6$ colony forming units (CFU) with a mean particle size (MPS) of $3.0 \pm 0.3 \mu\text{m}$. The aerosols were drawn through a six-stage, viable particle, Andersen sampler for collection. This test method complies with ASTM F2101-14, EN 14683:2014, Annex B, and AS4381:2015.

The Delta P test is performed to determine the breathability of test articles by measuring the differential air pressure on either side of the test article using a manometer, at a constant flow rate. The Delta P test was designed to comply with MIL-M-36954C, Section 4.4.1.2 and complies with EN 14683:2014, Annex C and AS4381:2015.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Test Side: Inside
BFE Test Area: ~40 cm²
BFE Flow Rate: 28.3 Liters per minute (L/min)
Delta P Flow Rate: 8 L/min
Conditioning Parameters: 85 ± 5% relative humidity (RH) and 21 ± 5°C for a minimum of 4 hours
Test Article Dimensions: ~177 mm x ~158 mm
Positive Control Average: 2.5×10^3 CFU
Negative Monitor Count: <1 CFU
MPS: 3.1 μm



Janelle Bentz
Study Director Janelle R. Bentz, M.S.

10 Sep 2018
Study Completion Date



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ben

FRT0004-0001 Rev 10
Page 1 of 2

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Study Number 1088913-S01
Bacterial Filtration Efficiency (BFE)
and Differential Pressure (Delta P) Final Report

Results:

Test Article Number	Percent BFE (%)	Delta P (mm H ₂ O/cm ²)	Delta P (Pa/cm ²)
1	99.8	3.6	35.2
2	99.9	3.6	35.6
3	99.7	3.7	35.9
4	>99.9*	3.4	33.5
5	99.9	3.8	36.8

* There were no detected colonies on any of the Andersen sampler plates for this test article.

The filtration efficiency percentages were calculated using the following equation:

$$\% BFE = \frac{C - T}{C} \times 100$$

C = Positive control average
T = Plate count total recovered downstream of the test article
Note: The plate count total is available upon request

801-290-7500 | nelsonlabs.com | sales@nelsonlabs.com

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FRT0004-0001 Rev 10
Page 2 of 2

Face Mask Certificates –EN14683 MC Test Report



Sponsor:
Mavis CUI
Lyncmed Medical Technical (Beijing) Co.
Room 119, No. 1111, South Huihe Rd., Chaoyang District
Beijing, 100000
CHINA

Microbial Cleanliness (Bioburden) of Medical Masks Final Report

Test Article: Product Name: Non-woven Face mask
LOT #CMA4714
Study Number: 1088914-S01
Study Received Date: 23 Aug 2018
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0036 Rev 14
Customer Specification Sheet (CSS) Number: 201805306 Rev 01
Deviation(s): None

Summary: The testing was conducted in accordance with EN 14683:2014, with the exception of approximate volumes of eluent used when performing the extraction procedure and a temperature range of 30-35°C used for aerobic incubation.

When bioburden results are calculated using a software program, manual calculations may differ slightly due to rounding. The counts determined on products are colony forming units and may not always reflect individual microorganisms. The sponsor performs any statistical analysis and determines the acceptable limits. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Results:

Unit Number	Weight (g)	Aerobic	Fungal	Total Bioburden (CFU/mask)	Total Bioburden (CFU/g)
1	3.2	88	12*	99.7	31.1
2	3.3	49	3*	51.9	15.7
3	3.3	33	3*	35.9	10.9
4	3.4	51	<3	54.2	15.9
5	3.4	68	9*	77.5	22.8
Recovery Efficiency		65.7%			

< = No Organisms Detected

Note: The results are reported as colony forming units (CFU) per mask.

Note: Sample positive testing was performed using *Bacillus atrophaeus*. The test article was not inhibitory using this test method.

* Spreader. Count is considered a minimum estimate due to swarming of certain colonies on the membrane.

Study Director Robert J. Putnam, B.S.



14 SEP 2018
Study Completion Date



1088914-S01

801-290-7500 | nelsonlabs.com | sales@nelsonlabs.com

FR10036-0210 Rev 9
Page 1 of 2

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Study Number 1088914-S01
Microbial Cleanliness (Bioburden) of Medical Masks Final Report

Test Method Acceptance Criteria: If applicable, anaerobic controls are acceptable for the bioburden test results. The number of masks to be tested shall be a minimum of 5 or more to meet an acceptable quality level of 4%. The bioburden of the medical mask shall be < 30 cfu/g tested.

Procedure:

Positive Controls/Monitors: *Bacillus atrophaeus*
Extract Fluid: Peptone Tween® with Sodium Chloride
Extract Fluid Volume: ~300 mL
Extract Method: Orbital Shaking for 5 minutes at 250 rpm
Plating Method: Membrane Filtration
Agar Medium: Tryptic Soy Agar
Recovery Efficiency: Sabouraud Dextrose Agar with Chloramphenicol
Exhaustive Rinse Method
Aerobic Bacteria: Plates were incubated 3 days at 30-35°C, then enumerated.
Fungal: Plates were incubated 7 days at 20-25°C, then enumerated.

801-290-7500 | nelsonlabs.com | sales@nelsonlabs.com

FR10036-0210 Rev 9
Page 2 of 2

Face Mask Certificates –EN14683 SBPR & EN14683 Blood Penetration Resistance Report



Sponsor:
Mavis CUI
Lyncmed Medical Technical (Beijing) Co., Ltd
Room 119, No. 1111,
South Huihe Road, Chaoyang District
Beijing, 100000
CHINA

Synthetic Blood Penetration Resistance Final Report

Test Article: Product Name: Non-woven Face mask
LOT #CMA4714
Study Number: 1088912-S01
Study Received Date: 23 Aug 2018
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0012 Rev 08
Deviation(s): None

Summary: This procedure was performed to evaluate surgical facemasks and other types of protective clothing materials designed to protect against fluid penetration. The purpose of this procedure is to simulate an arterial spray and evaluate the effectiveness of the test article in protecting the user from possible exposure to blood and other body fluids. The distance from the target area surface to the tip of the cannula is 30.5 cm. A test volume of 2 mL of synthetic blood was employed using the targeting plate method.

This test method was designed to comply with ASTM F1862 and ISO 22609 (as referenced in EN 14683:2014 and AS4381:2015) with the following exception: ISO 22609 requires testing to be performed in an environment with a temperature of 21 ± 5°C and a relative humidity of 85 ± 10%. Instead, testing was performed at ambient conditions within one minute of removal from the environmental chamber held at those parameters.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Number of Test Articles Tested: 32
Number of Test Articles Passed: 30
Test Side: Outside
Pre-Conditioning: Minimum of 4 hours at 21 ± 5°C and 85 ± 5% relative humidity (RH)
Test Conditions: 18.8°C and 32% RH

Results: Per ASTM F1862 and ISO 22609, an acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥29 of 32 test articles show passing results.

Test Pressure: 120 mmHg (16.0 kPa)

Test Article Number	Synthetic Blood Penetration
1-18, 20-26, 28-32	None Seen
19, 27	Yes

Janelle Bentley for
Study Director
Brandon L. Williams

10 Sep 2018
Study Completion Date



801-290-7500 | nelsonlabs.com | sales@nelsonlabs.com

FRN FR10012-0002 Rev 10
Page 1 of 1

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Sponsor
Donna Dong
LyncMed Group
No. 1111, South HuiHe Road,
100025, Beijing CHINA

EN 14683:2005 Synthetic Blood Penetration Resistance Final Report

Test Article: Non-woven Facemask
Laboratory Number: 735314
Study Received Date: 27 Jan 2018
Test Procedure(s): Standard Test Protocol (STP) Number STP0012 Rev.05

Summary: This procedure was performed to evaluate surgical facemasks and other types of protective clothing materials designed to protect against fluid penetration. The purpose of this procedure is to simulate an arterial spray and evaluate the effectiveness of the material in protecting the user from possible exposure to blood and other body fluids. The distance from the target area surface to the tip of the cannula is 30.5 cm. A test volume of 2 mL of synthetic blood was employed. This test method was designed to comply with ASTM F1862 and EN 14683:2005. All test method acceptance criteria were met.

Number of Test Articles Tested: 32
Number of Test Articles Passed: 32
Test Side: Outside
Pre-Conditioning: Minimum of 4 hours at 21 ± 5°C and 85 ± 5% relative humidity (RH)
Test Conditions: 22.5°C and 21% RH

Brandon L. Williams
Study Director
Brandon L. Williams

07 Feb 2018
Study Completion Date

FRN FR10012-0001 Rev 8
www.nelsonlabs.com | Telephone: 801-290-7500 | Fax: 801-290-7508 | sales@nelsonlabs.com

FR10012-0001 Rev 8
Page 1 of 2

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Lyncmed Company Certificate

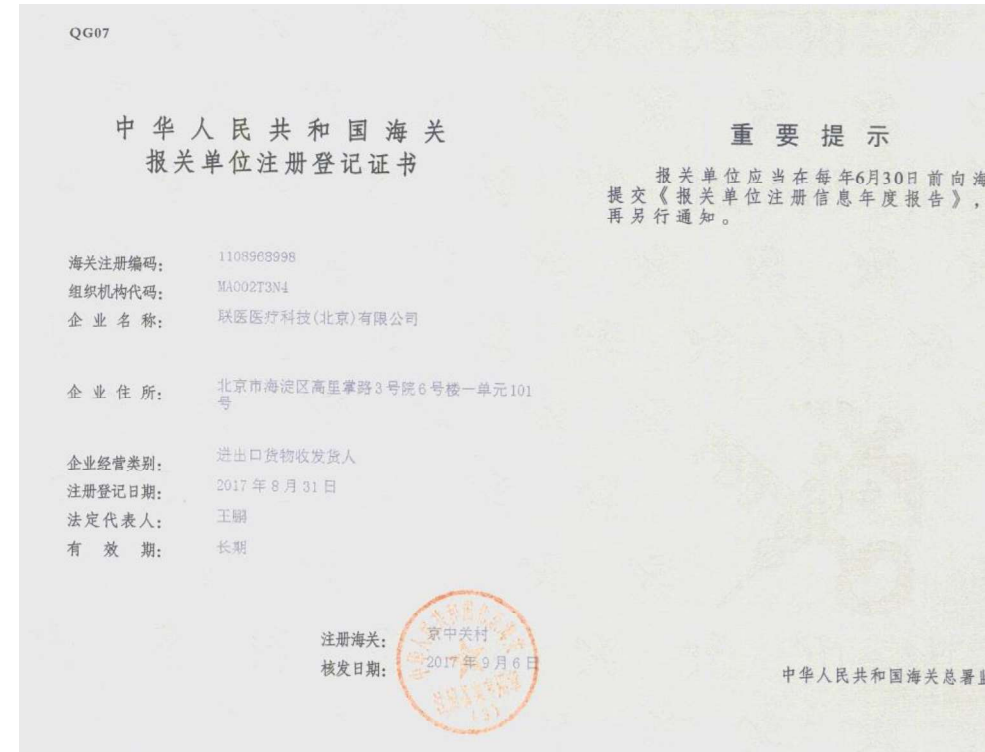


国家企业信用信息公示系统网址: <http://www.gsxt.gov.cn>

市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告。

国家市场监督管理总局监制

Business License

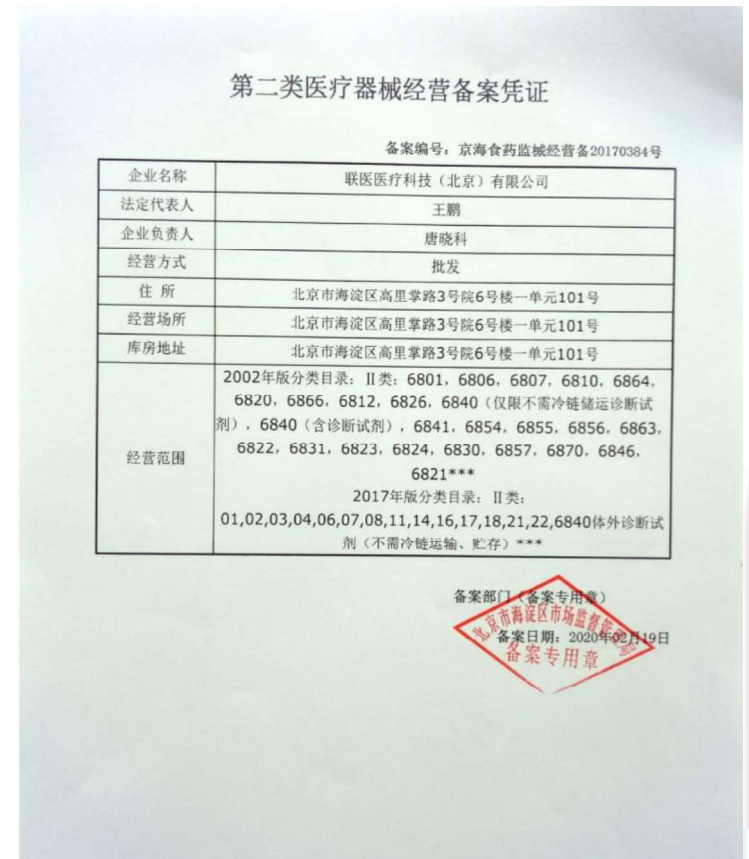


Export Customs License

Lyncmed Company Certificate




Our Bank Reputation Certificate



Medical Equipment Business Registration

Lyncmed Company Certificate


TÜVRheinland®

Certificate

The Certification Body of
TÜV Rheinland LGA Products GmbH

hereby certifies that the organization

**Lyncmed Medical Technology
(Beijing) Co., Ltd.
Room 119, Floor 1
GUOTOUSHANGKE Building
No. 1111, South Huihe Road
ChaoYang District
100022 Beijing
China**

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

Manufacture and Distribution of Medical Devices
(see attachment for products included)


Proof has been furnished that the requirements specified in


EN ISO 13485:2016

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

Effective Date: 2018-12-04
Certificate Registration No.: SX 60133386 0001
An audit was performed. Report No.: 50180180 002
This Certificate is valid until: 2021-12-03

Certification Body


Deutsche
Akreditierungsstelle
D-ZM-14169-01-02


Herbert Zhong

Date 2018-12-04

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel: +49 221 890-1371 Fax: +49 221 890-3030 e-mail: cert-verify@de.tuv.com http://www.tuv.com/safety


TÜVRheinland®

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

Attachment to
Certificate
Registration No.: SX 60133386 0001
Report No.: 50180180 002

Organization: **Lyncmed Medical Technology
(Beijing) Co., Ltd.
Room 119, Floor 1
GUOTOUSHANGKE Building
No. 1111, South Huihe Road
ChaoYang District
100022 Beijing
China**

Scope: Products:
Sterile Latex Surgical Gloves, Non-sterile Examination
Latex gloves, Dental High Speed Air Turbine Hand-
piece, Dental Low Speed Air Turbine Hand-piece,
Patient Examination Gloves, Ultrasonic Scaler,
Endo motors, Apex locators, Pulp tester, Mask,
Laryngeal Mask Airway, Overall, Isolation Gown,
Sterile Surgical Gowns, Sterile Surgical Kits, Sterile
Surgical Caps, Sterile Face masks, Sterile Shoe covers,
Alcohol Swabs, Diapers and Adult Diapers, Disposable
Under Pad, Medical Tape, Urine bag for Single Use,
Foley Catheter Silicone, Dental Alginate Mixers,
Vinyl Examination Gloves, Sterile Gauze Sponges

Certification Body


Deutsche
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D-ZM-14169-01-02


Herbert Zhong

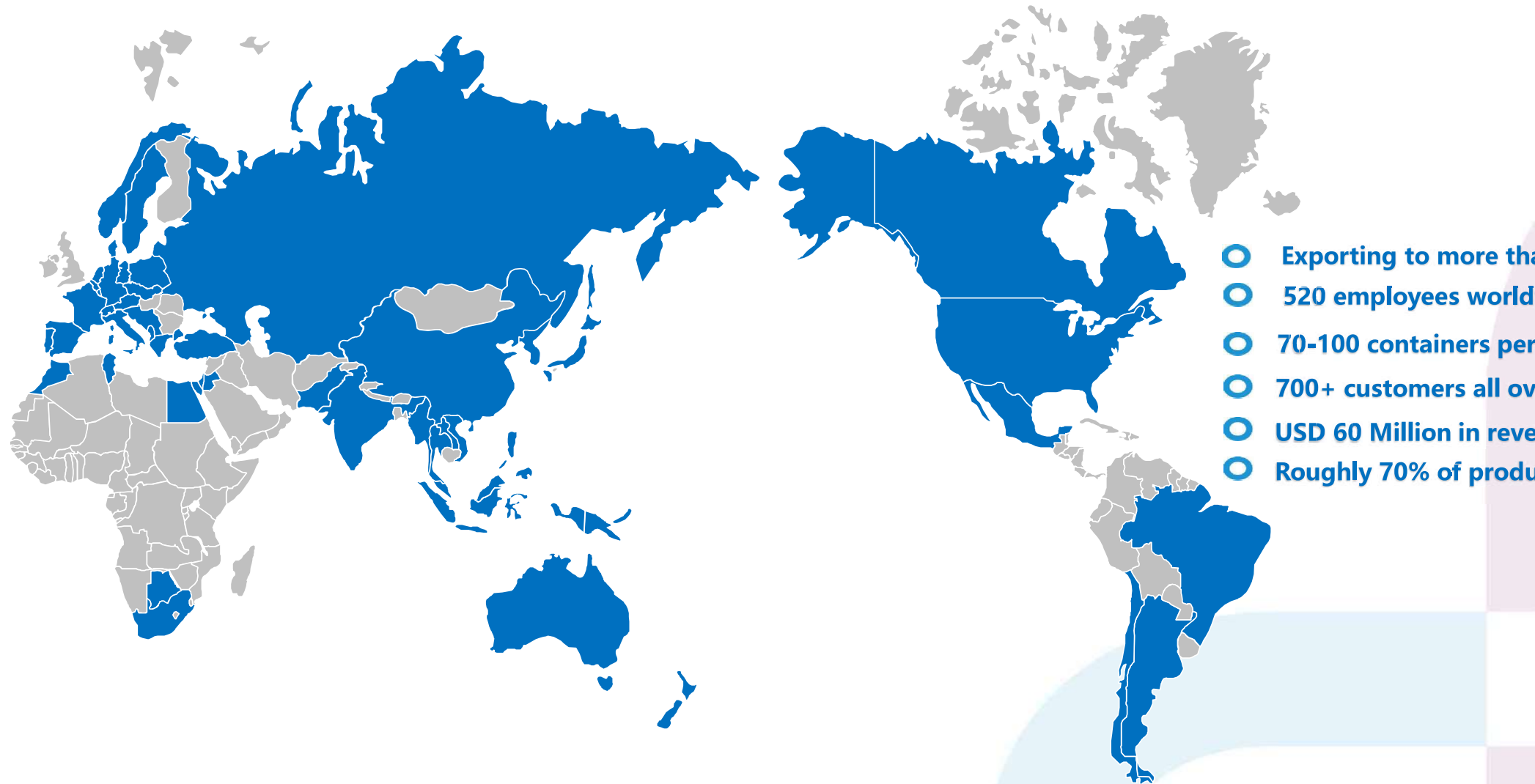
Date: 2018-12-04

ISO-13485 Certificate

Product Workshop



Our Global Distribution Network



We make better healthcare accessible affordable and easily available

Our Warehouse



Local Warehouse Inside



Local Warehouse Outside



Warehouse Truck