

# GUANTI VINILE

## GATAMO

100PCS/BOX

AMBIDEXTROUS



## DISPOSABLE PVC GLOVES



### 克格莫 卫生防护从手开始

专业一次性PVC手套、一次性丁腈手套、一次性PE手套品牌，是一家专业致力于医用、民用卫生防护手套研发、销售的科技企业，产品已经远销美洲、欧洲、亚洲、非洲、大洋洲的100+个国家和地区，正在为全球数1000+家客户提供我们实用的产品和优质的服务。

科研标准：克格莫拥有自己独立的研发中心，集材料研发、产品设计于一体，设计研发标准与世界各国标准同步；

生产标准：严格遵循ISO9001、EN ISO13485质量管理体系标准，产品符合声称标准的要求。

销售标准：专业的销售团队，多年同国外大客户尤其是同世界500强企业的合作经验，

让我们深知客户需求，也让我们的销售服务标准始终与世界同步；

售后标准：独立的售后服务中心，专业训练有素的专业售后服务人员，

随时为您提供优质的售后服务，实行全球无时差的全时段服务；

# HEALTH PROTECTION STARTS FROM HANDS

With the professional brand of disposable gloves, such as Vinyl, Nitrile and PE gloves, it is a high-tech enterprise that dedicated to R&D and sales of medical and civil health protective gloves. The gloves have been exported to more than 100 countries and areas, including America, Europe, Asia, Africa and Oceania. We are providing our company's practical products and high-quality services to thousands of customers worldwide.

## Scientific Research Standards:

KGM has its own independent scientific research center, which integrates material research, development and product design. Its standards of design, research and development are synchronized with the standards of all countries in the world;

## Production Standards:

Strictly followed ISO9001 and EN ISO13485 quality management system standards, and the products meet the requirements of the claimed standards.

## Sales Standard:

We have professional sales team and many years of experience in cooperation with major foreign customers, especially with the world's top 500 companies. Our sales staff deeply know the needs of our customers, and our sales service standards are always keep pace with the world;

## After-sale Standard:

Independent after-sales service center, professional and well-trained after-sales service personnel can provide you with high-quality after-sales service at any time, and implement global full-time service without time difference;

GATAMO

# Product Parameter

Product name: Disposable Vinyl/PVC Gloves

Disposable Vinyl /PVC Examination Gloves

Character: Single Use, Powder Free, Latex free, Non Sterile

Sizes: S, M, L, XL

Color: Clear

Package: 100pc/box, 10box/carton, English Package

Grade: Medical, Food, or Industrial

Quality Standard: FDA 510K listing, ISO9001:2015,

ISO 13485:2016 EN420 EN455-1/2/3 EN374 ISO test report



Disposable Vinyl/PVC Gloves



Disposable Vinyl /PVC Examination Gloves



# Disposable Vinyl/PVC Gloves



# Disposable Vinyl /PVC Examination Gloves



## Specification for Vinyl Gloves

Product Name	Vinyl Glove			
Description	9" disposable Vinyl gloves powder free			
Raw Material	Liner -PVC			
Glove sizes &Weight	Size	Length(mm)	Width(mm)	Glove Weight (g)
	S	240 ±10	80 ±5	3.5
	M	240 ±10	90 ±5	4
	L	240 ±10	100 ±5	4.5
	XL	240 ±10	110 ±5	5
Color Option	Transparent			
Application	Widely used in medical inspection, food industry, domestic labor, chemicals, aquaculture, glass products and scientific research and other industries.			
Package	100pieces/inner box ,10inner boxes/carton			
Weight per Carton (kg)	6-6.5KG			
Package	100pcs/box 10boxs/carton			
Carton (mm):	315*275*265			
Transport Information	1600 ctns, 1.6 million pcs, 1x 20			
	2250 ctns, 2.25million pcs, 1x 40GP			
	3800 ctns, 3.8 million pcs, 1x 40HQ			
Place of Origin	Hebei, China			
Delivery Time	10000 CTNS/1 WEEKS			
Payment Term	T/T, Western Union			
Quality Inspection	Third party inspection are accepted			
Certificates & test report	FDA ISO9001 EN ISO 13485 EN455-1/2/3 EN374 TUV SGS			

1. Outstanding chemical resistance, anti-certain pH, solvent, oil and other corrosive substances to provide good chemical protection.
2. Good physical properties, good tear resistance, anti-piercing, anti-friction performance.
3. Comfortable style, according to ergonomic design glove palm machine bending fingers to wear comfortable, conducive to blood circulation.
4. Does not contain protein, amino compounds and other harmful substances, rarely produce allergies.
5. Degradation time is short, easy to handle, environmentally friendly.
6. No silicon composition, there is a certain anti-static properties, suitable for the production needs of the electronics industry.
7. Low surface chemical residue, low ion content, small particle content, suitable for strict clean room environment.



# 资质证书目录

Qualification Certificate List

- 1、医疗器械质量管理体系EN ISO13485证书  
ISO9001质量管理体系证书  
Medical Device Quality Management System  
EN ISO 13485 Certificate  
ISO 9001 Quality Management System Certificate
- 2、FDA 产品510K  
FDA Product 510K
- 3、欧盟CE证书  
EN455 EN374
- 4、复合型声明  
Declaration of Conformity
- 5、食品接触检测报告
- 6、EN455测试报告  
EN455 testreport



# Certificate

The Certification Body of  
TÜV Rheinland LGA Products GmbH

hereby certifies that the organization  
**Shijiazhuang Hongray  
Group Co., Ltd.**  
**South Tongda Rd., East Dist.**  
**Jinzhou**  
**052260 Hebei**  
**P.R. China**

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

**Manufacture and Distribution of Patient Examination Gloves**  
**(see attachment for sites 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: 2020-04-16  
Certificate Registration No.: SX 60148697 0001  
An audit was performed. Report No.: 16801058 009  
This Certificate is valid until: 2020-10-25

Certification Body



Date 2020-04-16



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

Tel.: +49 221 808-1371 Fax: +49 221 808-3935 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  
Certificate**

**Registration No.:** SX 60148697 0001  
**Report No.:** 16801058 009

**Organization:** Shijiazhuang Hongray  
Group Co., Ltd.  
South Tongda Rd., East Dist.  
Jinzhou  
052260 Hebei  
P.R. China

**Scope:**

**Sites included:**

Shijiazhuang Hongray Group Co., Ltd.  
South Tongda Rd., East Dist., Jinzhou, 052260 Hebei, China

**Distribution of Patient Examination Gloves**

Syntex Healthcare Products Co., Ltd.  
No.1 Panjiazhuang Industrial Zone,  
Xinji City, 052360, Hebei, China

**Manufacture of Patient Examination Gloves**

Grand Work Plastic Products Co., Ltd.  
Donggao Industrial Zone, Zhanhuang, 050000, Hebei, China

**Manufacture of Patient Examination Gloves**

**Certification Body**



**Jing Zhang**

**Date:** 2020-04-16

**TÜV Rheinland**  
**LGA Products GmbH**  
**Tillystraße 2, 90431 Nürnberg**

Doc. 2/3, Rev. 0

**Attachment to  
Certificate**

**Registration No.:** SX 60148697 0001  
**Report No.:** 16801058 009

**Organization:** Shijiazhuang Hongray  
Group Co., Ltd.  
South Tongda Rd., East Dist.  
Jinzhou  
052260 Hebei  
P.R. China

**Scope:**

**Sites included:**

Shijiazhuang Jiahe Plastic Glove Co., Ltd  
Western Jiafeng Road, Mining Area, Shijiazhuang,  
050100, Hebei, China

**Manufacture of Patient Examination Gloves**

Ever Light Plastic Products Co., Ltd.  
Donggao Industrial Zone, Zanhuan, Shijiazhuang,  
050000, Hebei, China

**Manufacture of Patient Examination Gloves**

Better Care Plastic Technology Co., Ltd.  
Fuqian Xi Road, West district of Shenze Industrial Base,  
Shenze County, 050000, Hebei, China

**Manufacture of Patient Examination Gloves**

**Certification Body**



**Date:** 2020-04-16



**TÜV Rheinland**  
**LGA Products GmbH**  
**Tillystraße 2, 90431 Nürnberg**

Doc. 3/3, Rev. 0

**Attachment to  
Certificate**

**Registration No.:** SX 60148697 0001  
**Report No.:** 16801058 009

**Organization:** Shijiazhuang Hongray  
Group Co., Ltd.  
South Tongda Rd., East Dist.  
Jinzhou  
052260 Hebei  
P.R. China

**Scope:**

**Sites included:**

Hong Di Plastic Products Co., Ltd.  
Donggao Industrial Zone, Zhanhuang, 050000, Hebei, China

Manufacture of Patient Examination Gloves

Shanxi Hongjin Plastic Technology Co., LTD  
Coal Bed Gas Industrial Zone, Qu'e Town, Daning County,  
Linfen City, 042300, Shanxi, China

Manufacture of Patient Examination Gloves

**Certification Body**



**Date:** 2020-04-16



**Business Stream Products**  
Certification Department



**TÜVRheinland®**

**LGA**

Precisely Right.

TÜV Rheinland LGA Products GmbH - 90431 Nürnberg

Shijiazhuang Hongray  
Group Co., Ltd.  
South Tongda Rd., East Dist.  
Jinzhou  
052260 HEBEI  
P.R. CHINA

**Contact**

Tel. +49 911 655-5225  
Mail [service@de.tuv.com](mailto:service@de.tuv.com)

Date April 16, 2020

**Application for** : QMS  
**Certificate No.** : SX 60148697 Sheet 0001  
**Device** : Only for QM-System audit  
**Test requirement** : EN ISO 13485:2016

Dear Madame or Sir,

Enclosed please find the  
new certificate No. SX 60148697 0001  
replacing the previous certificate.

Kind regards

Certification body

Jing Zhang

Test sample: no, documentation available

TÜV Rheinland  
LGA Products GmbH

Tillystraße 2  
90431 Nürnberg

Tel. +49 911 655-5225  
Fax +49 911 655-5226  
Mail [service@de.tuv.com](mailto:service@de.tuv.com)  
Web [www.tuv.com/safety](http://www.tuv.com/safety)

Board of Management

Dipl.-Ing.  
Jörg Mähler, Spokesman

Dipl.-Kfm.  
Dr. Jörg Schlosser

Chairman of the  
Supervisory Board

Dipl.-Ing.  
Ralf Scheller

Nuremberg HRB 26013  
VAT No.: DE 811835480



# 认证证书

标准 **ISO 9001:2015**

证书登记号码 **01 100 1732303**

证书持有者: **石家庄鸿锐集团有限公司**  
统一社会信用代码: 91130100728799919R  
注册地址: 中国河北省晋州市通达路东段路南  
邮编: 052260  
经营地址: 同上述地址

所包括场地已列于证书附件上

认证范围: **检查用手套的生产和销售**

证明完成了审核并满足了 ISO 9001:2015 标准的要求。

有效期: **证书有效期从 2020-04-10 至 2020-10-19。**  
此证书须经过符合要求的监督审核保持有效。  
初次发证始于 2017 年

本证书信息可在国家认证认可监督管理委员会官方网站上查询  
<http://www.cnca.gov.cn>

2020-04-14



TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

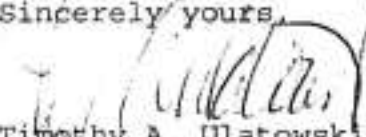
Page 2 -Mr. Liu

the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4690. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,

  
Timothy A. Ulatowski  
Director

Division of Dental, Infection Control,  
and General Hospital Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**SHIJIAZHUANG HONGRAY PLASTIC PRODUCTS CO., LTD.**

No. 135 Xinhua West Road, Shijiazhuang City, Hebei Province, China

Tel: 86-311-3613127 3634449 Fax: 86-311-3634221

Attachment I

Email: [hongray@public.sj.he.cn](mailto:hongray@public.sj.he.cn)

Indication For Use

Applicant: Gui-Xi Liu, Shijiazhuang Hongray Plastic Products Co., LTD.

510K Number(if known): K992860

Device Name: Disposable Powder Free Vinyl Synthetic Examination Gloves, White color  
(Sensi-Pro)

Indication For Use:

A Medical disposable gloves is worn on the hand of healthcare and similar personnel to prevent contamination between healthcare personnel and patient.

Truthfully Yours,



Gui-Xi Liu  
General Manager

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

---

Concurrence of CDRH, Office of Device Evaluation(ODE)

Prescription Use \_\_\_\_\_  
(Per 21 CFR 801.109)

OR

Over-The-Counter Use X

Chin S. Lin (Optional Format 1-2-96)  
(Division Sign-Off)

Division of Dental, Infection Control,  
and General Hospital Devices

510(k) Number K992860





# SGS

## VERIFICATION OF EN 455 CONDITIONAL COMPLIANCE

No.: SHHL1602007861MD-02C  
Product Name: DISPOSABLE VINYL GLOVE  
Style No: XS,S,M,L,XL  
Applicant: SHIJIAZHUANG HONGRAY GROUP CO.,LTD  
SOUTH TONGDA RD.,EAST DIST. JINZHOU CITY, HEBEI,  
052260, CHINA  
Manufacturer: SHIJIAZHUANG HONGRAY GROUP CO.,LTD  
SOUTH TONGDA RD.,EAST DIST. JINZHOU CITY, HEBEI,  
052260, CHINA  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: EN455-1:2000 MEDICAL GLOVES FOR SINGLE USE-  
PART 1: REQUIREMENTS AND TESTING FOR FREEDOM FROM  
HOLES  
EN455-2:2015 MEDICAL GLOVES FOR SINGLE USE-  
PART 2: REQUIREMENTS AND TESTING FOR PHYSICAL  
PROPERTIES  
EN455-3:2015 MEDICAL GLOVES FOR SINGLE USE-  
PART 3: REQUIREMENTS AND TESTING FOR BIOLOGICAL  
EVALUATION CLAUSE 4.4 & 4.6  
as shown in the  
Test Report Number(s): SHHL1602007861MD-02, SHHL1602007862MD-02  
SHHL1602007863MD-02

This verification is only valid for the equipment and configuration described, and in conjunction with the test data detailed. It contains the result of the single examination of the subject being in hand and does not represent any universally valid decision concerning the quality of any subject of the current production.

Donna Gu  
CRS/Hardline SBU Section Head  
SGS-CSTC Standards Technical Services Co., Ltd.

Apr 12, 2016

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any other holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER  
16598819





## EU Type-Examination Certificate

**Certificate number: 2777/11577-02/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: Description:**

VGPF1001-1005

Disposable Vinyl Glove

**Colour:** Clear, Yellow, White, Blue, single use, five fingers ambidextrous, beaded**Sizes:**

XS-(6)

S-(7)

M-(8)

L-(9)

XL-(10)

**Classification:****EN ISO 374-1:2016 Type B**

40% Sodium hydroxide (K)

30% Hydrogen peroxide (P)

37% Formaldehyde (T)

**Level**

6

6

5

**EN 374-4:2013 Degradation / %**

9.1

-25.6

-2.6

**EN ISO 374-5:2016**

Protection against bacteria and fungi

Protection against viruses

**Level**

Pass

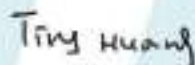
Pass

**Standards/Technical specifications applied:**

EN 420: 2003+A1: 2009; EN ISO 374-1:2016; EN ISO 374-5:2016; EN 374-4: 2013

**Technical reports/Approval documents:**SATRA: CHT0271787/1823/JS/LC/D, CHT0271787/1823/JS/LC/C, CHT0271787/1823/SPT Issue 2, CHT0271787 Issue 2/1823;  
CHM0292977/1950/LC, CHT0293468/1901

Signed on behalf of SATRA:



Ting Huang



Pete Doughty

**Date first issued: 22/11/2018****Date of issue: 26/02/2020****Expiry date: 22/11/2023**



## CE DECLARATION OF CONFORMITY

### Manufacturer

Name: Shijiazhuang Hongray Group Co. Ltd.,

Address: South Tongda Road, East district, Jinzhou City, Hebei, 052260, China,

Declares that the MDD described hereafter

Products name and Model:

**Disposable Vinyl Examination Gloves**

**XS, S, M, L and XL**

Meet the provisions of the Council Directive 93/42/EEC as amended by 2007/47/EEC and Provisions of the Regulation (EU) 2017/745 which apply to them.

Examination gloves are classified as Class I medical devices in accordance with the rules set out in Annex VIII.


Applied harmonized standards: EN455-1:2000, EN455-2:2015, EN455-3:2015, EN ISO 14971:2012, EN ISO 13485:2016.

Conformity assessment procedure: Annex VII of Medical Device Directive 93/42/EEC as amended by 2007/47/EEC and Article 52 in MDR 2017/745.

The CE declaration of conformity is issued under the sole responsibility of Shijiazhuang Hongray Group Co. Ltd.

The products can be placed the following CE mark.



Signature: Wu

Date: March 03, 2020

Regulatory Authority

## Test Report

No. TSNEC1801370701

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Overall migration	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370701

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.001	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Overall migration

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine overall migration.

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-9: 2002 aqueous food simulants by article filling method;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001 Overall Migration
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	10mg/dm <sup>2</sup>	11.6mg/dm <sup>2</sup>
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	70°C	10mg/dm <sup>2</sup>	6.7mg/dm <sup>2</sup>

Notes :

- (1) mg/dm<sup>2</sup>=milligram per square decimeter
- (2) °C=degree Celsius
- (3) <= less than
- (4) Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup>.
- (5) Test condition & simulant were specified by client.
- (6) The conclusion of Specimen 001was drawn without considering the expanded uncertainty. It is possible that the tested result of submitted sample is above the limit.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25252522 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25252522 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370701

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801502301

Date: 10 Aug 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-006595 - TJ  
Date of Sample Received : 06 Aug 2018  
Testing Period : 06 Aug 2018 - 10 Aug 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Overall migration	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory



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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801502301

Date: 10 Aug 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-015023.001	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Overall migration

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine overall migration.

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-9: 2002 aqueous food simulants by article filling method;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001 Overall Migration
20% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>

Notes :

- (1) mg/dm<sup>2</sup>=milligram per square decimeter
- (2) °C=degree Celsius
- (3) <= less than
- (4) Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup>.
- (5) Test condition & simulant were specified by client.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801502301

Date: 10 Aug 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370708

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Specific migration of phthalate	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370708

Date: 27 Jul 2018

Page 2 of 3

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.008	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Specific migration of phthalate

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments to determine specific migration of phthalates.

Test Method : With reference to EN13130-1: 2004; analysis was performed by GC-MS.

### Sample 008

Simulant Used : Isooctane

Test Condition : 40 °C 0.5 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	11.2
Benzylbutyl Phthalate(BBP)	30	mg/kg	0.05	ND
Dibutyl Phthalate(DBP)	0.3	mg/kg	0.05	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	1.5	mg/kg	0.05	ND
Diisononyl phthalate + Diisodecyl phthalate (DINP+DIDP)	9.00	mg/kg	0.20	ND
Diallyl Phthalate(DAP)	0.01	mg/kg	0.01	ND

Notes :

- (1) Test condition & simulant were specified by client.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25262522 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25262522 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370708

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370707

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Specific migration of phthalate	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370707

Date: 27 Jul 2018

Page 2 of 3

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.007	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Specific migration of phthalate

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments to determine specific migration of phthalates.

Test Method : With reference to EN13130-1: 2004; analysis was performed by GC-MS.

### Sample 007

Simulant Used : 95% Ethanol (V/V) Aqueous Solution

Test Condition : 60 °C 2.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	11.2
Benzylbutyl Phthalate(BBP)	30	mg/kg	0.05	ND
Dibutyl Phthalate(DBP)	0.3	mg/kg	0.05	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	1.5	mg/kg	0.05	ND
Diisononyl phthalate + Diisodecyl phthalate (DINP+DIDP)	9.00	mg/kg	0.20	ND
Diallyl Phthalate(DAP)	0.01	mg/kg	0.01	ND

Notes :

- (1) Test condition & simulant were specified by client.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5433, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25255252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25255252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370707

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370706

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Phthalates	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370706

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.006	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Phthalates

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine phthalates.

Test Method : Solvent extraction, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	006
Dibutyl Phthalate (DBP)	84-74-2	0.05	% (w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	% (w/w)	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	% (w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	0.1	% (w/w)	0.01	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	0.1	% (w/w)	0.01	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370706

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370703

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Specific migration of heavy metal	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370703

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.003	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Specific migration of heavy metal

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine specific migration of heavy metal.

Test Method : With reference to EN13130-1:2004; analysis was performed by ICP-OES.

### Sample 003

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 70 °C 2.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	11.2
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	1.3
Aluminium	1	mg/kg	0.1	ND
Nickel	0.02	mg/kg	0.01	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370703

Date: 27 Jul 2018

Page 3 of 3

### Notes :

- (1) MDL = Method Detection Limit
- (2) ND = Not Detected ( < MDL)
- (3) Test condition & simulant were specified by client.

### Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65286000 F (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65286000 F (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370704

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Specific migration of bisphenol-A( BPA)	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370704

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.004	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Specific migration of bisphenol-A( BPA)

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments to determine specific migration of bisphenol A.

Test Method : With reference to EN 13130-1: 2004, analysis was performed by HPLC-FID.

### Sample 004

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 70 °C 2.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	11.2
Specific migration of Bisphenol-A	0.05	mg/kg	0.01	ND

Notes :

- (1) Test condition & simulant were specified by client.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370704

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370705

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Bisphenol-A	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370705

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.005	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Bisphenol-A

Test Requested : In accordance with Commission Implementing Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) 10/2011 of 14 January 2011-Bisphenol A

Test Method : With reference to Part II Section D2 of Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO, Japan External Trade Organization, 2009 (Dichloromethane extraction by ultrasonic bath). Analysis was performed by HPLC-MS.

Test Item(s)	Limit	Unit	MDL	005
Bisphenol-A	★	mg/kg	0.1	ND
Conclusion				PASS

Notes :

- (1) ★=prohibited
- (2) The test was subcontracted to SGS Shanghai chemical lab.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370705

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25256252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25256252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No. TSNEC1801370709

Date: 27 Jul 2018

Page 1 of 3

SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE VINYL GLOVE

SGS Job No. : TP18-005878 - TJ  
Date of Sample Received : 18 Jul 2018  
Testing Period : 18 Jul 2018 - 27 Jul 2018  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
Residual vinyl chloride monomer	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.



Reabeca Zhou  
Approved Signatory

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: [CN.Quecheshi@sgs.com](mailto:CN.Quecheshi@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65388000 F (86-22) 25295252 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65388000 F (86-22) 25295252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370709

Date: 27 Jul 2018

Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-013707.009	translucent gloves	PVC

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Residual vinyl chloride monomer

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments - Residual vinyl chloride monomer

Test Method : In-house method (SHTC-CHEM-SOP-171-T), analysis was performed by HS-GC-MS.

Test Item(s)	Limit	Unit	MDL	009
VCM(Vinyl Chloride Monomer)	1	mg/kg	0.5	ND
Conclusion				PASS

Notes :

- (1) The test was subcontracted to SGS Shanghai chemical lab.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65286000 f (86-22) 25255252 [www.sgs.com.cn](http://www.sgs.com.cn)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 65286000 f (86-22) 25255252 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No. TSNEC1801370709

Date: 27 Jul 2018

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 5443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 T (86-22) 65286000 F (86-22) 25256252 [www.sgs.com](http://www.sgs.com)  
中国·天津经济技术开发区第五大街41号SGS大厦 邮编: 300457 T (86-22) 65286000 F (86-22) 25256252 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No.: SHHL1602007863MD-02

Date: APR. 06, 2016

Page: 1 of 8

SHUIAZHUANG HONGRAY GROUP CO., LTD

SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI, 052260, CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL1602007863MD-01

DATE: APR. 06, 2016

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

Sample Description	: DISPOSABLE VINYL GLOVE
Style/ Item No.	: XS,S,M,L,XL
Country of Origin	: CHINA
Sample Receiving Date	: FEB. 29, 2016
Testing Period	: FEB. 29, 2016 TO MAR. 28, 2016
Test Performed	: SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested	: 1. EN 455-1:2000 MEDICAL GLOVES FOR SINGLE USE – PART 1: REQUIREMENTS AND TESTING FOR FREEDOM FROM HOLES 2. EN 455-2: 2015 MEDICAL GLOVES FOR SINGLE USE – PART 2: REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES 3. EN 455-3: 2015 MEDICAL GLOVES FOR SINGLE USE – PART 3: REQUIREMENTS AND TESTING FOR BIOLOGICAL EVALUATION CLAUSE 4.4 & 4.6
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.



Vincent Feng  
Technical Manager



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 5357 1443, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Building, No. 398, Yishu Road, Xuhui District Shanghai, China 200233

Tel: (86-400) 960 9661 F: (86-21) 6115 6899

[www.sgs.com](http://www.sgs.com)

中国·上海·徐汇区宜山路398号4号楼 邮编: 200233

Tel: (86-400) 960 9661 F: (86-21) 6115 6899

e: [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 2 of 8

### Test Conducted:

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

Number of test sample : 200 Pieces  
 The type of gloves : examination/procedure gloves  
 Manufacturing batch code : /  
 Batch size : /  
 Sample size : XS, S, M, L, XL  
 Number of non-conforming gloves : None  
 Defects observed before testing : No defects  
 Test Result : Pass

Clause	Test Items	Result	Note
5	Watertightness test for detection of holes	---	---
5.1	Referee testing		# 1&2

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

Number of test sample : 91 Pieces  
 Type : examination/procedure gloves  
 The manufacturing batch code : /  
 Size : XS, S, M, L, XL  
 Defects observed before testing : No defects  
 Test Result : Pass

Clause	Test Items	Result	Note
4	Dimensions	Pass	#3
5	Strength	Pass	#1&4
7	Labeling	Pass	/



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 6115 8899, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Building, No.388, Yishu Road, Xuhui District Shanghai, China 200233 1 (86) 400 960 9661 1 (86-21) 6115 8899 [www.sgs.com.cn](http://www.sgs.com.cn)  
 中国·上海·徐汇区宜山路388号4号楼 邮编: 200233 1 (86) 400 960 9661 1 (86-21) 6115 8899 [e.sgs.china@sgs.com](mailto:e.sgs.china@sgs.com)

## Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 3 of 8

### 3. EN 455-3: 2015 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, 5&6
4.6	Labeling	Pass	/

#### Note:

1. As per client's declare, these gloves (four size: XS, S, M, L, XL) only size different, the material is the same, and only the glove of size M was tested.
2. See result 1.
3. See result 2.
4. See result 3.
5. Test according to EN ISO 21171-2006.
6. The powder of sample was 0.4mg<2mg.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 1443, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Building, No.388, Yishu Road, Xuhui District Shanghai, China 200233

T (86-21) 6115 6899

[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·上海·徐汇区宜山路388号4号楼 邮编: 200233

T (86-21) 6115 6899

[e\\_sgs.china@sgs.com](mailto:e_sgs.china@sgs.com)



## Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 4 of 8

### Test Results:

#### 1. Watertightness test for detection of holes

Sample Quantity: 200pcs

AQL: 1.5 Accept: 7 Reject: 8 Found: 0

#### 2. Dimensions

Sample Quantity: 65pcs

Size	XS												
Length(mm)	243	244	243	244	242	242	245	244	243	242	244	243	242
Width(mm)	78	77	76	77	78	77	76	78	78	76	77	76	77

Median value:

Length (mm): 243

Width (mm): 77

Size	S												
Length(mm)	246	245	246	245	245	247	246	245	244	243	244	242	245
Width(mm)	88	87	86	85	85	86	87	88	87	85	86	85	86

Median value:

Length (mm): 245

Width (mm): 86

Size	M												
Length(mm)	248	248	249	248	247	248	249	249	250	248	247	246	247
Width(mm)	96	95	97	96	97	96	95	96	95	97	96	95	96

Median value:

Length (mm): 248

Width (mm): 96

Size	L												
Length(mm)	243	242	243	242	242	242	243	244	243	244	243	242	243
Width(mm)	106	105	106	104	105	106	107	106	105	106	107	105	104

Median value:

Length (mm): 243

Width (mm): 106



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 5357 1443, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Bldg, No.388, Yishu Road, Xuhui Dist Shanghai, China 200233

T (86-400) 960 9661

F (86-21) 6115 6899

[www.sgs.com.cn](http://www.sgs.com.cn)

中国·上海·徐汇区宜山路388号4号楼 邮编: 200233

T (86-400) 960 9661

F (86-21) 6115 6899

[e.sgs.china@sgs.com](mailto:e.sgs.china@sgs.com)

# Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 5 of 8

Size	XL												
Length(mm)	255	252	254	252	254	253	252	254	253	252	253	254	253
Width(mm)	117	118	115	117	116	118	117	116	115	116	117	118	117

Median value:

Length (mm): 253

Width (mm): 117

Requirements: see table 1&2

**Table 1 Dimensions for surgical gloves**

Size	Median length in mm	Median width in mm
5	$\geq 250$	$67 \pm 4$
5.5	$\geq 250$	$72 \pm 4$
6	$\geq 260$	$77 \pm 5$
6.5	$\geq 260$	$83 \pm 5$
7	$\geq 270$	$89 \pm 5$
7.5	$\geq 270$	$95 \pm 5$
8	$\geq 270$	$102 \pm 6$
8.5	$\geq 280$	$108 \pm 6$
9	$\geq 280$	$114 \pm 6$
9.5	$\geq 280$	$121 \pm 6$

**Table 2 Dimensions for  
examination/procedure gloves**

Size	Median length in mm	Median width in mm
Extra small	$\geq 240$	$\leq 80$
Small		$80 \pm 10$
Medium		$95 \pm 10$
Large		$110 \pm 10$
Extra Large		$\geq 110$



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.cn/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.cn/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 1443, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Building, No.388, Yishu Road, Xuhui District Shanghai, China 200233

Tel: (86-400) 960 9661 F: (86-21) 6115 6899

[www.sgs.com.cn](http://www.sgs.com.cn)

中国·上海·徐汇区宜山路388号4号楼 邮编: 200233

Tel: (86-400) 960 9661 F: (86-21) 6115 6899

e: [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 6 of 8

### 3. Strength

Sample Quantity: 26pcs

Size	M												
Force at break(N)	4.50	4.84	4.57	4.49	4.91	4.48	4.45	4.37	4.74	4.78	4.89	4.80	4.65
Force at break after challenge testing(N)	4.75	4.61	4.54	4.79	4.82	4.76	4.75	4.82	4.38	4.61	4.78	4.69	4.65

Median value:

Force at break during shelf life (N): 4.65

Force at break after challenge testing (N): 4.75

Table 3 — Median values of force at break

	Force at break in Newton		
	Surgical gloves a)	Examination/procedure gloves b) 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). c) Requirements for gloves made from thermoplastic materials (e.g. polyvinylchloride, polyethylene).			

Remark:

- The sample selecting amount for Watertightness test for detection of holes is deviated to 200 pcs as accessed by SGS.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8367 1443, or email: CN.Doocheck@sgs.com

4<sup>th</sup> Building, No. 388, Yishu Road, Xuhui District Shanghai, China 200233 1 (86-400) 960 9661 1 (86-21) 6115 6899 [www.sgs.com.cn](http://www.sgs.com.cn)  
 中国·上海·徐汇区宜山路388号4号楼 邮编: 200233 1 (86-400) 960 9661 1 (86-21) 6115 6899 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## Test Report

No.: SHHL1602007863MD-02

Date: APR. 08, 2016

Page: 7 of 8

### Sample Photo:

Received sample (size XS)



Received sample (size S)



Received sample (size M)



Received sample (size L)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-21) 5357 1443, or email: [CN.Doocheck@sgs.com](mailto:CN.Doocheck@sgs.com)

4<sup>th</sup> Building, No. 398, Yishu Road, Xuhui District Shanghai, China 200233

T (86-21) 6115 6899

[www.sgs.com.cn](http://www.sgs.com.cn)

中国·上海·徐汇区宜山路398号4号楼 邮编: 200233

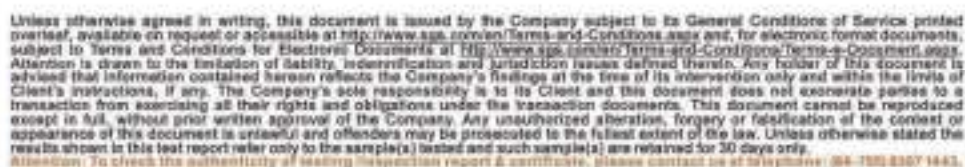
T (86-21) 6115 6899

[e.sgs.china@sgs.com](mailto:e.sgs.china@sgs.com)

Label



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



[www.bentley.com](http://www.bentley.com)

e: [scs.china@pops.com](mailto:scs.china@pops.com)