资质荣誉 Certificates

















石家庄鸿锐集团在管理、生产过程和质量控制上严格遵循美国FDA的QSR要求及ISO9001、ISO13485的标准,以确保我们的产品符合甚至优于ASTM和其他相关国家的标准。

我集团通过ISO9001质量管理认证,PVC和Nitrile手套荣获美国FDA 510K证书、欧盟CE证书,通过了EN374测试和欧洲食品安全接触测试,Nitrile手套还通过CHEMO测试。



ISO质量管理认证



美国CHEMO认证



欧盟CE认证



美国FDA 510K证书



SGS无尘检验报告

Performance Testing

The Standards used for production of Powder Free Nitrile Examination Gloves (Blue) are mainly based on ASTM D6319-19. In accordance with physical requirements established by ASTM standard, the following are the physical requirements and dimensional testing results:

Technological Characteristics			Result Summary	Conclusion
Length (mm)	220mm for size XS-S 230mm for size M-XL minimum	AQL S-2, AQL4.0	XS: 230-238mm S: 234-242mm M: 230-242mm L: 238-244mm XL: 232-241 mm	Pass
	XS:70±10	37	77-78mm	-:
<i>></i> ′	S: 80±10	->>	86-88 mm	
Width	M: 95±10	S-2, AQL4.0	96 -98mm	Pass
(mm)	L: 110±10	(4) (4)	108-110 mm	(6)
	XL: 120±10	> - 	116-117 mm	
Palm Thickness (mm)	0.05mm minimum	S-2, AQL4.0	0.05-0.06mm	Pass
Finger Thickness (mm)	0.05mm minimum	S-2, AQL4.0	0.06-0.07mm	Pass
Tensile Strength	(Mpa)	142 142	KS /42/S	145 14
Before aging	14Mpa minimum	S-2, AQL4.0	15.7-19.9Mpa	Pass -
After aging	After aging 14Mpa minimum		15.2-18.6Mpa	Pass
Ultimate Elonga			T	
Before aging	500% minimum	S-2, AQL4.0	500-550%	Pass
After aging	400% minimum	5 2, AQL4.0	430-530%	Pass
Freedom from holes	1 AOL 2.5		0/125, meet AQL2.5 requirements	Pass
Residual Powder	00, 1 1 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1		0.58mg	Pass

The detailed testing report of the gloves is attached herein.

PHYSICAL&PINHOLE TESTING

Testing requested:

For compliance with ASTM D6319-19 Standard Specification for Nitrile Examination Gloves, testing items are as follows:

- 1. Physical Dimensions and Physical Property;
- 2. Pinhole

Testing Methods:

As specified in ASTM D6319-19, ASTM D5151-19 and FDA 1000ml Water Leak Test (21 CFR 800.20).

1. Testing results for Physical Dimensions and Physical Property (13 pieces for each size are tested):

Size	_	tem	Std	1.8	2	_ \ 3	4 _&	5	_6	7 _	8	9	10	- >11	12_×	13
	Length (mm) (min)	220	230	234 -	237	238	234	236	231	236	235	239 -	237	235	230
	Widt	h (mm)	70±10	77	77	78	77	77	78	78	77	77	78	77	78	77
Thic	Thickness	Finger	0.05	0.06	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06
£,	(mm) (min)	Palm	0.05	0.05	0.05	0.05	0.05_&	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.06	0.05
XS	Dafara agina	Tensile Strength (Mpa) (min)	14	16.8	17.9	16.8	15.9	16.7	17.8	16.8	16.9	17.5	18.4	18.6	18.9	20
	Before aging	Elongation (%) (min)	500	530	520	510	530	510	530	530	530	510	520	500	530	520
5	Afteropine	Tensile Strength (Mpa) (min)	14	16.1	15.9	16.4	15.9_	16.7	17.4	17.8	16.9	16.8	16.4	18.6	18.6	18.8
	After aging	Elongation (%) (min)	400	530	530	510	530	510	490	510	500	500	500	520	510	490
1	Length (mm) (min)	220	233	238	237	238	236	236	234	236	236	239	242	239	242
4	Widt	h (mm)	80±10	87	88	87	86	87	86	88	86	88	88	87	87	87
, T	Thickness	Finger	0.05	0.07	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06
	(mm) (min)	Palm	0.05	0.06	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
S	Dafarekaina	Tensile Strength (Mpa) (min)	14	17.0	16.1	16.4	15.9	16.6	18.1	17.4	17.6	17.0	18.4	17.6	18.4	18.0
	Before aging	Elongation (%) (min)	500	510	520	550	540	510	530	530	540	510	500	540	520	510
		Tensile Strength (Mpa) (min)	14	15.7	15.9	16.4	17.0	16.7	17.4	17.5	16.9	16.8	16.4	18.6	18.6	19.0
	After aging	Elongation (%) (min)	400	480	480	520	430	510	500	410	500	520	500	420	500	530

	_88.7	_ &&, r	S. F	_00.1	_<	XX. ^T	_ 00,1		_ 00 / r	_00.	T	_ 00,1	_<	N. T	_ 00.1	
	Length (mm) (min)	230	240	238	242	238	236	238	236	240	230	239	242	242	242
1/1	Widt	h (mm)	95±10	97	97	96	98	_/ 96	97	98	96	98	97	97	97	97
	Thickness	Finger	0.05	0.07	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06
	(mm) (min)	Palm	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
M	Before aging	Tensile Strength (Mpa) (min)	14	16.2	15.9	16.4	15.9	16.7	18.1	17.8	16.9	17.9	18.4	18.6	18.6	19.9
K.	Before aging	Elongation (%) (min)	500	530	520	550	500	510	500	550	510	520	520	530	500	540
	After aging	Tensile Strength (Mpa) (min)	14	16.4	15.8_	16.4	16.2	16.7	17.4	17.5	16.9	16.8	17.0	17.6	18.6	18.4
	After aging	Elongation (%) (min)	400	500	480	510	500	510	490	510	500	490	450	520	530	500
	Length (mm) (min)	230	240	238	242	238	238	240	238	240	238	239	244	242	240
	Widt	h (mm)	110±10	109	110	- 110	110	109	109	109 -	109	109	109	108	110	109
L	Thickness	Finger	0.05	0.06	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06
	(mm) (min)	Palm	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05
	Dafara vaina	Tensile Strength (Mpa) (min)	14	16.0	15.9	16.4	15.9	16.7	18.1	17.8	16.9	17.5	18.4	18.6	18.6	19.7
,	Before aging	Elongation (%) (min)	500	540	520_	550	520	510	500	550	520	520	500	550	500	540
1/1	After aging	Tensile Strength (Mpa) (min)	14	15.6	15.9	17.1	15.9	16.7	17.2	17.8	16.9	16.8	16.1	18.6	17.0	16.7
	After aging	Elongation (%) (min)	400	490	480	510	510	510	490	510	400	500	500	520	510	490
	Length (mm) (min)	230	_ 241	238_	232	238	236	240	238	240	_ 238	239	240	236	240
	Widt	h (mm)	120±10	117	117	116	116	116	116	116	116	116	116	116	116	116
15	Thickness	Finger	0.05	0.07	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06
5	(mm) (min)	Palm	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
XL	Before aging	Tensile Strength (Mpa) (min)	14	16.0	15.9	16.2	15.2	16.7	17.1	17.0	16.9	17.5	17.6	18.6	18.1	18.0
	before aging	Elongation (%) (min)	500	550	520	520	500	510	500	520	500	520	500	550	530	520
T.	After aging	Tensile Strength (Mpa) (min)	14	15.7	14.9	16.4	16.9	16.7	17.4	17.8	16.9	16.8	16.4	18.6	17.6	19.0
	Aiter aging	Elongation (%) (min)	400	450	480	510	450	510	490	520	500	500	490	520	510	460

2. Testing Results for pinhole testing: as per ASTM D5151-19 and FDA 1000ml Water Leak Test (21 CFR 800.20).

10 10	10	1/1	Testing Criteria	<u> </u>	1/1	10 10	1/1 7	
(4) T - 4 - 1 (4)	D. W.	0 (4)	G14:	Accepted/ Re	ejected Criteria	Testing Result	Conclusion	
Lot size	Round	Sample size Cumulative sample size		Ac Re			>>	
35,000 and above	First	125	125	-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7 - 8	-8	· & - & .	
33,000 and above	Second	125	250	4	10			
	Third	125	375	8	13	125 glove are	35	
	Fourth	125	500	12	17	125 glove are sampled, 0 piece	Pass	
	Fifth	125	625	17	20	leak		
	Sixth	125	750	21	23		-W	
2. 2.	Seventh	125	875	25	26		<i>J.</i>	

Conclusion:

The samples for Powder Free Nitrile Examination Gloves, Tested for Use with Chemotherapy Drugs (Blue) complies with ASTM D6319-19 Standard Specification for Nitrile Examination Gloves.

Approved by : Zhun Chunyan Reviewed by: Xu Lihua Prepared by: Xing Lifang Zhang Hui

Pinhole Testing results and conclusion:

Sequential Sample Run	I (V=Visual	Cumulative # Defects/ Cumulative # Gloves tested				
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	0/125
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	1-3
Round #	Gloves #	Gloves #	Gloves #	Gloves #	Gloves #	1

Conclusion: The pinhole testing for Powder Free Nitrile Examination Gloves (Blue) meet the requirements of FDA 1000ml Water Leak Test (21 CFR 800.20).

Approved by : Zhu Chunyan

Reviewed by: Xu Lihua

Prepared by: Xing Lifang Zhang Hui

Shijiazhuang Hongray Group Co., Ltd.

South Tongda Rd., East Dist. Jinzhou City, Hebei, 052260, China

Powder Testing

Testing requested:

For compliance with residual powder content defined in ASTM D6319-19 Standard Specification For Nitrile Examination Gloves.

Test Methods:

As specified in ASTM D6124-06 (2017) Standard Test Method for Residual Powder on Medical Gloves

Testing results:

Size	XS	S	M	L .	XL
Sample quantity	5	5	5	5	5
Average content (mg/glove)	0.55	0.56	0.59	0.60	0.61

Powder Content Criteria: Not more than 2mg/glove for powder free glove.

Conclusion:

The samples for Powder Free Nitrile Examination Gloves, (Blue) comply with residual powder content requirements specified in ASTM D6319-19 Standard Specification for Nitrile Examination Gloves

Approved by: Zhu Chunyan

Reviewed by: Xu Lihua

Prepared by: Xing Lifang Zhang Hui



SHIJIAZHUANG HONGRAY GROUP CO LTD

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

DECLARATION OF CONFORMITY

We hereby declare that the Disposable Powder Free Nitrile Examination Gloves, manufactured by subsidiary companies under Shijiazhuang Hongray Group Co. Ltd. with the size of XS, S, M, L and XL meet the provisions of the Directive 93/42/EEC as amended by 2007/47/EEC.

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

Conformity assessment procedure: Follow the procedure referred to in Annex VII of Medical Device Directive 93/42/EEC as amended by 2007/47/EEC.

Signature: Wumin

Date: February 26, 2019

Title: QA Director of Hongray Group Shijiazhuang Hongray Group Co., Ltd



VERIFICATION OF EN 455 CONDITIONAL COMPLIANCE

SHHL1602007536MD-01C No.:

DISPOSABLE NITRILE GLOVE Product Name:

XS,S,M,L,XL,XXL Style No

SHIJIAZHUANG HONGRAY GROUP CO.,LTD Applicant:

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

052260, CHINA

SHIJIAZHUANG HONGRAY GROUP CO.,LTD Manufacturer:

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

EN455-1:2000 MEDICAL GLOVES FOR SINGLE USE-Test Standard:

PART 1: REQUIREMENTS AND TESTING FOR FREEDOM FROM

EN455-2:2015 MEDICAL GLOVES FOR SINGLE USE-PART 2: REQUIREMENTS AND TESTING FOR PHYSICAL

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

SHHL1602007536MD-01 Test Report Number(s):

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.

CRS/Hardline SBU Section Head

SGS-CSTC Standards Technical Services Co., Ltd.

Apr 12, 2016

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SGSPAPER





SHIJIAZHUANG HONGRAY GROUP CO LTD

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

DECLARATION OF CONFORMITY

We hereby declare that the Disposable Powder Free Nitrile Examination Gloves, manufactured by subsidiary companies under Shijiazhuang Hongray Group Co. Ltd. with the size of XS, S, M, L and XL meet the PPE Regulation (EU) 2016/425.

Applied harmonized standards: EN420:2003+A1:2009, EN ISO374-1:2016, EN 374-2:2014, EN 374-4:2013, EN ISO 374-5:2016.

Signature: Wumir

Date: February 26, 2019

Title: QA Director of Hongray Group Shijiazhuang Hongray Group Co., Ltd



Notified Body: 2777

NPF2005-XL

Shillazhuang Hongray Group Co., Ltd South Tongda Road, East District Jinzhou City Hebel 052260

SATRA customer number: P1853

EU Type-Examination Certificate

Certificate number: 2777/11050-02/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:
NPF2001-XS	Disposable nitrile glove (blue beaded ambidextrous
NPF2002-S	
NPF2003-M	
NPF2004-L	

Classification:

6	XS	EN ISO 374-1:2016 TYPE B	Level	EN 374-4:2013	Degradation %
.7	S	40% Sodium hydroxide	6	-1	6.0
/8	M	30% Hydrogen peroxide	3	<u>ار 2</u>	6.8
9	L (37% Formaldehyde	4 <	3	4.0
10	XL	EN ISO 374-5:2016	Level		
		Protection against bacteria and fungi	Pass		
		Protection against virus	Pass		

Standards/Technical specifications applied: EN ISO 374-1:2016; EN 374-4: 2013; EN ISO 374-5:2016; EN 420: 2003+A1: 2009

Technical reports/Approval documents: SATRA: CHT0271907/1823/SPT/Issue 3, CHT0271907/1823/JS/A, CHT0271907/1823/JS/B, CHT0271907/1823. SGS: HL50134/2019

Signed on behalf of SATRA:

Date first issued: 10/08/2018 Date of issue: 15/07/2019 Ariba Braman

Anita Brennan

Geoff Graham

Expiry date: 10/08/2023

Page 1 of 2

TERMS AND CONDITIONS

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

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

Please note:

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