

HQTS	INSPECTION REPORT During Production Inspection	Report No: H-20064362
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INSPECTION INFORMATION			
Client	MEDIQ		
Supplier	JDH Sourcing Management Ltd		
Factory	Guangdong Haohua Medical Technology Co., Ltd		
Inspection Instruction	GWI-S-002-HQT		
P.O. No.	LCH2020-0115-03	P.O. Quantity	5.1.2e
Item No.	Blue Gown	Sampling Plan	ISO2859 : Single, Normal
Inspection Date	22/06/2020	Inspection Level	G-I
Inspection Sequence	Original inspection	Sample Size	315 Pieces
Inspection Location	ZengCheng, China	AQL	Critical:0, Major:1.5, Minor:4.0
Product Description	BLUE ISOLATION GOWN		



INSPECTION RESULT SUMMARY			
Category	Conform	Not Conform	Pending
1.Quantity	x		
2.Workmanship	x		
3.Style, Color & Documentation	x		
4.Field Test & Measurement	x		
5.Shipping Mark & Packaging	x		
OVERALL CONCLUSION	CONFORM to client's requirement		
Inline Checking & Recommendation	Refer to "Inline Checking & Recommendation" section		

Approved by HQTS Supervisor:	
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This report reflects the facts as recorded by HQTS at the time and place of inspection. It does not relieve the manufacturers from their contractual obligations nor prejudice client's right for compensation for any apparent and/or hidden defects not detected during our random inspection or occurring thereafter.

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SPECIAL ATTENTION POINT (SAP)

1	Quantity	NIL
2	Workmanship	NIL
3	Style, Color & Documentation	NIL
4	Field Test & Measurement	NIL
5	Shipping Mark & Packaging	NIL

INSPECTION DETAILS



2. Workmanship	Conform		
Defects Description	Critical	Major	Minor
Item# Blue Gown Sample Size=315			
Damaged near belt		2	
Snagging yard(0.3-0.8cm)		5	
Poor sewing on label			1
Uncut thread(1.5-6.0cm)			13
Dirty stain on surface(0.6cm)			1
Total Found:	0	7	15
Allowed:	0	10	21
Sample Size:	315	315	315

The following field test included in workmanship check
Metal detection test
Function check
Labeling check

Defect Photos	
	
<p>Defect- Damaged near belt (0.3cm)-ma</p>	<p>Defect- Damaged near belt (0.4cm)-ma</p>
	
<p>Defect- Snagging yard on cuff(0.4cm)</p>	<p>Defect- Snagging yard on cuff(0.5cm)</p>
	
<p>Defect- Snagging yard on cuff(0.5cm)</p>	<p>Defect- Snagging yard on cuff(0.5cm) -ma</p>

	
<p>Defect- Snagging yard on cuff(0.6cm)</p>	<p>Defect- Poor sewing on label-mi</p>
	
<p>Defect- Uncut thread (2.0cm) -mi</p>	<p>Defect- Uncut thread (6.0cm) -mi</p>
	
<p>Defect- Uncut thread (4.5cm) -mi</p>	<p>Defect- Uncut thread (2.5cm) -mi</p>

	
<p>Defect- Uncut thread (3.0cm) -mi</p>	<p>Defect- Uncut thread (1.5cm) -mi</p>
	
<p>Defect- Uncut thread (2.2cm) -mi</p>	<p>Defect- Uncut thread (4.0cm) -mi</p>
	<p>NA</p>
<p>Defect- Dirty stain on surface(0.6cm)-mi</p>	

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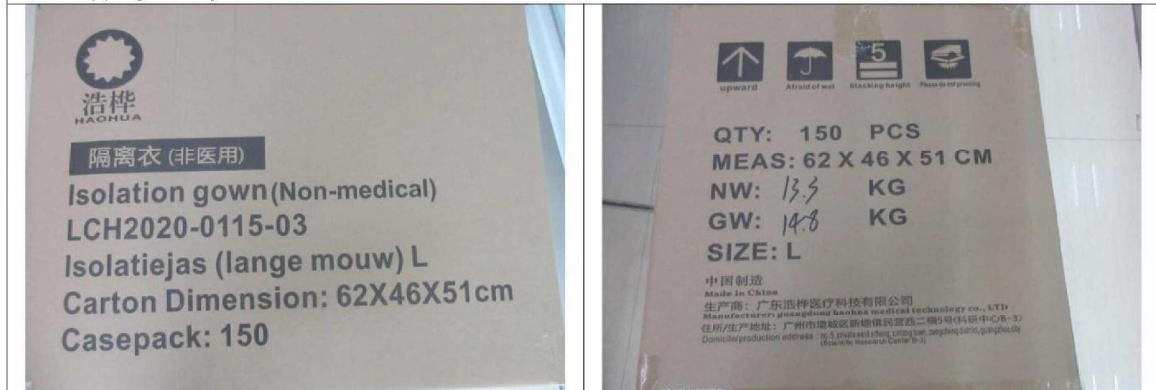
3. Style, Color & Documentation		Conform		
DESCRIPTION		Conform	Not Conform	Pending
The inspected samples were consistent with		-	-	-
Purchase Order		x		
Product Specification		x		
Submitted sample		x		
Instruction manual and Document Verification		-	-	-
Client Comment		-	-	-

4. Field Test & Measurement				Conform		
Item		Specification	Sample Size	Conform	Not Conform	Pending
4.1	Carton gross weight check	-	1 Carton	x		
4.2	Carton dimension check	-	1 Carton	x		
4.3	Product weight check	-	10 samples /size	x		
4.4	Size measurement check	-	5 Samples/Size	x		
4.5	Rub check (dry/wet)	-	5 samples	x		
4.6	Smell test	-	3 cartons, 5 individual packing/unit	x		
4.7	Fitting check	-	2 samples	x		
4.8	Needle detection check	-	all inspected samples	x		
4.9	Fabric weight GSM	-	1 sample	x		
4.10	Fabric strength test	-	5 samples	x		
4.11	Resistance to liquid penetration	-	2 samples	x		
4.12	Sewing check	-	2 samples	x		
4.13	Fabric thickness	-	5 samples	x		
4.14	Quantity per carton check	-	2 cartons	x		
4.15	Carton drop test	-	2 Cartons	x		

Checking Item	Specification	Result
Carton gross weight check(kg)(+/-10%)	14.8	14.8
Carton dimension check (cm) (+/-5%)	62x46x51	61.8x47.2x50.8
Product weight check (g)-L (+/-5%)	81.80(submitted sample)	82.8, 83.4, 83.6, 82.8, 81.2, 82.4, 82.2, 81.6, 81.2, 81.4
Product weight check (g)-XL (+/-5%)	89.2(submitted sample)	90.0, 89.8, 91.2, 92.6, 90.9, 91.6, 91.2, 92.8, 91.4, 89.8
Size measurement check	-	Please see size measure chart
Fabric weight GSM	35g+/-3(factory standard)	34
Fabric thickness (+/-5%)	0.24mm (submitted sample)	0.24, 0.23, 0.25, 0.24, 0.25

5. Shipping Mark & Packaging **Conform**

5.1 Shipping mark photos



5.2 Packaging photos



Packaging Description:

Packaging Description:

- 1 pieces of products were packed into a poly bag .
- 150 polybags were packed into a 7ply corrugated export carton.
- Export carton was sealed with gummed tape.

Inline Checking & Recommendation

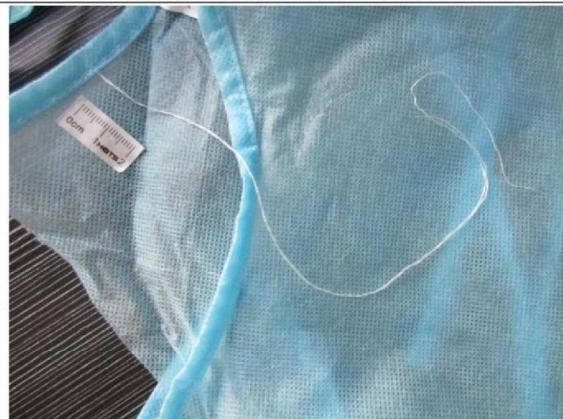
(1) Semi-finished products were checked inline, the finding were as below:

Process	Sampling Size	Findings		Problems
		Defectives	Number	
Self-checking by factory	24	Snagging yard	1	-
		Uncut thread	2	-
Sewing belt	8	Uncut thread	1	-
Total	32	-	4	-

Defect Photos



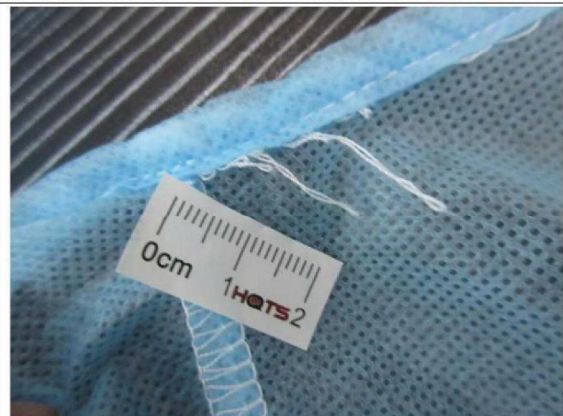
Defect- Snagging yarn(0.6cm)-ma



Defect- uncut thread (16cm)-mi



Defect- uncut thread (3.5cm)-mi

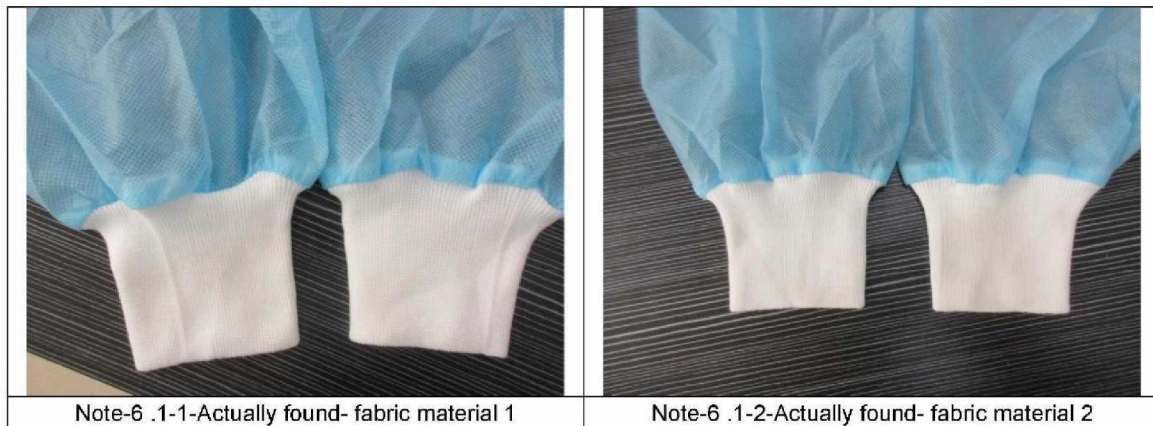


Defect- uncut thread (1.6cm)-mi

(2)	Recommendation
--	Keep the production lines clean and tidy.
--	Lubricate and maintain the production machines well to ensure it in a good condition.
--	Array and stock raw materials/semi-finished products/finished products in good order to avoid confused or damaged.
--	Identify the defective products with marking / labeling to avoid it mixed with the conforming product.
--	To ensure the reworked and repaired products being re-inspected before release.
--	Promote the ability/skill/ awareness of inspectors/workers.

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6. Reference Note	
6.1	2 kinds fabric material of cuff were found, same as submitted sample for 2 kinds fabric material of cuff, for details please refer to photos attached.
6.2	Fabric tear test (EN-ISO 13937-2:2000) and Water Column test >50 were not conducted due to no applicable test apparatus were provided for test by factory and we performed the fabric strength test with hand by normal force and result was passed. However factory provided the item test report by third-party detection institution, for details, please refer to photos attached.
6.3	The Fabric weight check apparatus was found without the certificate of calibration which was provided by the factory, and factory only can provide the certificate of qualification, for details, please refer to photos attached.
6.4	No shipping mark for inspection reference during inspection and Chinese words was found on shipping mark.
6.5	About 30000pieces products had been Self-checked by factory and no packed into polybag. the 235pieces inspection samples were draw from packed well 600 cartons and 80pieces inspection samples were draw from Self-checking well 30000pieces bulk products by factory.
6.6	Only sewing belt process was found in factory and the other product process had been finished during inspection, about 100000pieces products were not Self-checking by factory and about 30000pieces semi-products was not sewn the belt during inspection. 24pieces Semi-finished products inspection samples were draw from 100000pieces no self-inspection products by factory and 8pieces self-inspection inspection samples were draw from 30000pieces no sewing belt semi-products.
6.7	The weight of carton was measured by the apparatus without calibration which was provided by the factory and yet factory cannot provide the certificate of qualification.
6.8	The inspected cartons were not sealed because the factory did not repack them immediately after inspection.
6.9	Our inspector required the factory to repair all defective samples before shipment.
6.10	Draft report has been provided to the factory and defective points have been explained as well.
6.11	For size of belt, 2 tolerances (-0/+5cm, -3/+5cm) were provided and actual size was within both tolerances.



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Note-6 .1-3- submitted sample for 2kinds fabric material of cuff



Note-6 .2-1-Test report



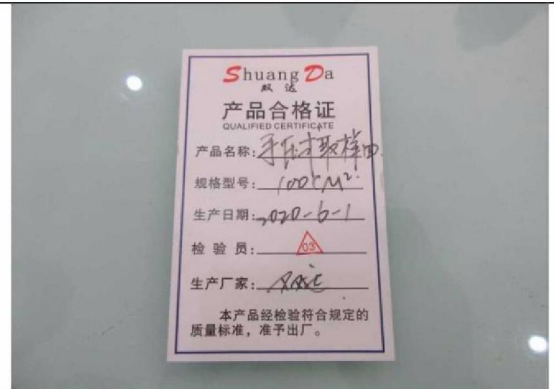
Note- 6.2-2-Test report



Note-6 .2-3-Test report



Note-6 .3-1-Actually found





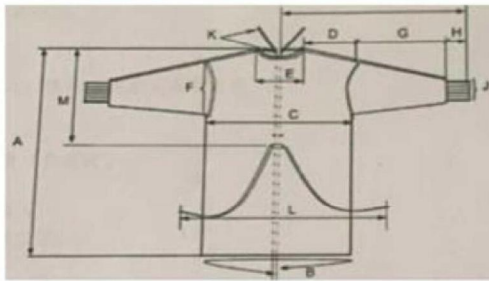

Note-6 .3-2-Actually found



Note-6 .3-3-Actually found

Note-6 .3-4-Actually found

7. Photos

<p>Size checking</p>  <p>Measure for "H"</p>  <p>The waist belt should be 190-0/+5cm</p>	<table border="1"> <tr> <td>Large (L)</td> <td>120</td> <td>140</td> <td>70</td> <td>20</td> <td>22</td> <td>29</td> <td>57</td> <td>6.5</td> <td>95</td> <td>8</td> <td>38</td> <td>190</td> <td>62</td> </tr> <tr> <td>Extra Large (XL)</td> <td>127</td> <td>146</td> <td>73</td> <td>22</td> <td>22</td> <td>32</td> <td>60</td> <td>6.5</td> <td>100</td> <td>8</td> <td>40</td> <td>190</td> <td>62</td> </tr> <tr> <td>Tolerance</td> <td>±2.5</td> <td>±3</td> <td>±2</td> <td>±2</td> <td>±2</td> <td>±2.5</td> <td>±2.5</td> <td>±1</td> <td>±3</td> <td>±1</td> <td>+5 -2</td> <td>+5 -3</td> <td>±2</td> </tr> </table>	Large (L)	120	140	70	20	22	29	57	6.5	95	8	38	190	62	Extra Large (XL)	127	146	73	22	22	32	60	6.5	100	8	40	190	62	Tolerance	±2.5	±3	±2	±2	±2	±2.5	±2.5	±1	±3	±1	+5 -2	+5 -3	±2
	Large (L)	120	140	70	20	22	29	57	6.5	95	8	38	190	62																													
	Extra Large (XL)	127	146	73	22	22	32	60	6.5	100	8	40	190	62																													
Tolerance	±2.5	±3	±2	±2	±2	±2.5	±2.5	±1	±3	±1	+5 -2	+5 -3	±2																														
 																																											

Size chart

HQTS SIZE MEASUREMENT CHART Report No.: H-20064362



P.O.: LCH2020-0115-03 Style: Blue Gown

Measurement point (cm)	SZ	L					SZ	XL					SZ	TOL
	CL						CL					CL	+/-	
A	120	-1.0	/	-1.5	+2.5	-1.2	127	-2.0	+2.3	+2.5	-1.3	/		2.5
B	140	/	+2.5	-0.5	+2.0	+1.3	146	+2.5	+1.0	/	+1.5	+2.5		3
C	70	+0.5	/	+1.0	+2.5	+2.3	73	+1.0	/	+2.5	+2.6	+2.8		2
D	20	+0.5	+2.2	/	+2.3	+2.5	22	+2.5	/	+2.6	+1.0	+2.5		2
E	22	+0.5	/	+2.8	/	+2.2	22	+1.0	+2.6	/	+2.5	+1.5		2
F	29	+1.5	+2.8	+2.0	+1.2	+1.0	32	+2.8	+1.2	+2.8	+1.0	+1.2		2.5
G	57	-0.5	/	/	+2.5	+2.5	60	/	/	+2.5	+2.3	-0.5		2.5
H	6.5	/	/	/	/	/	6.5	/	/	/	/	/		1
I	95	+2.5	+2.5	+1.0	+2.3	+2.6	100	+1.0	+2.5	+2.3	+2.5	+2.0		3.0
J	8	-1.0	/	-0.5	+1.3	-0.5	8	-0.6	/	-0.5	-0.3	/		1
K	38	+4.2	+2.5	+2.5	+2.2	+3.6	40	-0.5	+1.2	+4.8	+3.7	+2.2		+5,-2
L	190	+4.8	+3.9	+3.2	/	+1.8	190	+3.5	+1.5	+2.8	+3.6	+1.0		+5,-0
M	62	-0.5	-1.0	-1.5	+2.8	/	62	-1.0	-0.5	-1.5	+2.2	-0.5		2

HQTS Inspector's Signature: _____ 2977 

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Size measure check

	
<p>Warehouse</p>	<p>Warehouse</p>
<p>5.1.2e</p>	<p>5.1.2e</p>
<p>Production line-sewing belt & Semi-finished products</p>	<p>Production line-sewing belt& Semi-finished products</p>
<p>5.1.2e</p>	
<p>Production line-sewing belt</p>	<p>Production line -packing & Self-checking well products by factory& No self-checking well products by factory</p>

5.1.2e	
Production line -packing & Self-checking well products by factory	Self-checking well products by factory
5.1.2e	
Self-checking well products by factory	Self-checking well products by factory
	
No self-checking products by factory	No self-checking products by factory

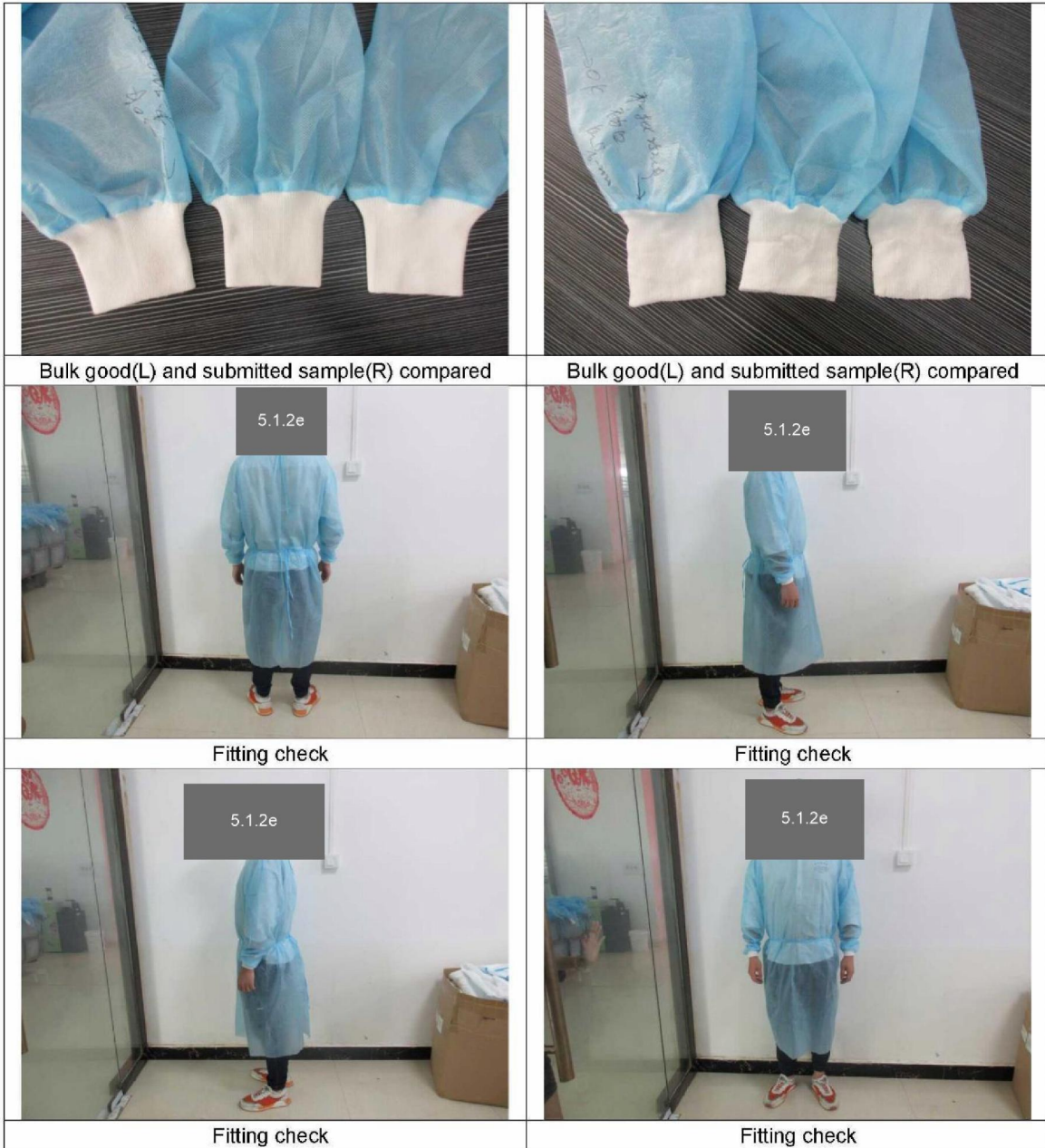
	
<p>No self-checking products by factory</p>	<p>No self-checking products by factory</p>
	
<p>Carton overview</p>	<p>Stamp on carton</p>
	
<p>Main mark-size L</p>	<p>Side mark-size L</p>



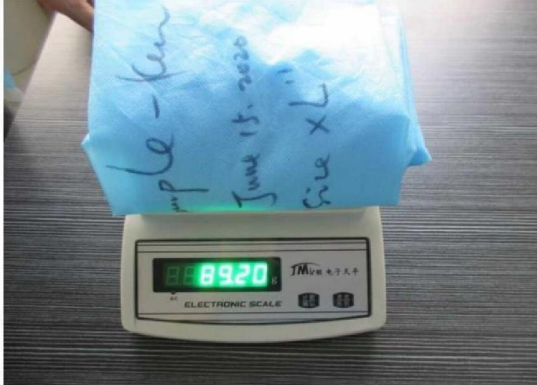


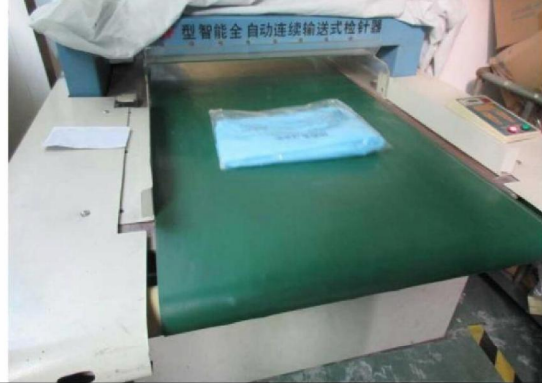
<p>浩桦 HACHUA 隔离衣 (非医用) Isolation gown (Non-medical) LCH2020-0115-03 Isolatijas (lange mouw) XL Carton Dimension: 62X46X51cm Casepack: 150</p>	<p>↑ Upward ☂ Avoid of wet 5 Stacking height 🚫 Fragile</p> <p>QTY: 150 PCS MEAS: 62 X 46 X 51 CM NW: 14.5 KG GW: 16 KG SIZE: XL</p> <p>中国制造 Made in China 生产商: 广东浩桦医疗科技有限公司 (technology co., LTD) Manufacturer: Guangdong Hachua Medical Technology Co., Ltd. 住所/生产地址: 广州市增城区新塘镇荔园路二横3号(研发中心-B-3) Domestic production address: No. 3, Huanhua Road, Xintan Town, Zengcheng District, Guangzhou City, Guangdong Province, China (Research Center-B-3)</p>
<p>Main mark-size XL</p>	<p>Side mark -size XL</p>
<p>Carton packing</p>	<p>Carton packing</p>
<p>Material of carton check</p>	<p>Unit packing</p>

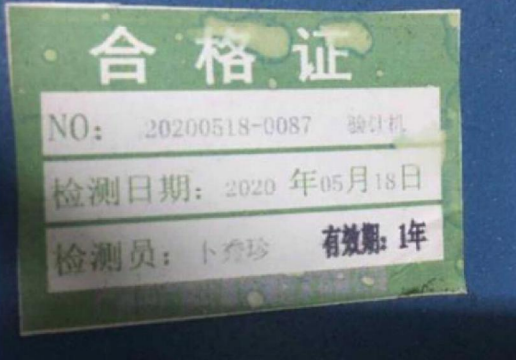



	
<p>Unit packing</p>	<p>Unit packing</p>
	
<p>Unit packing</p>	<p>Unit packing</p>
	
<p>Certificate of qualification</p>	<p>Warning mark on poly bag</p>



	
<p>Product detail</p>	<p>Color shade check</p>
	
<p>Submitted samples& marking</p>	<p>Bulk good(L) and submitted sample(R) compared</p>
	
<p>Bulk good(L) and submitted sample(R) compared</p>	<p>Bulk good(L) and submitted sample(R) compared</p>



 A photograph showing a rolled-up light blue fabric sample placed on a white electronic scale. The scale's digital display shows the number 8180.	 A photograph showing a light blue fabric sample on a white electronic scale. The scale's digital display shows the number 828.
<p>Submitted sample weight –Size L</p>	<p>Product weight check–Size L</p>
 A photograph showing a light blue fabric sample on a white electronic scale. The scale's digital display shows the number 8920. The fabric has handwritten text: "Sample - Ken", "June 15, 2020", and "Size XL".	 A photograph showing a light blue fabric sample on a white electronic scale. The scale's digital display shows the number 900.
<p>Submitted sample weight –Size XL</p>	<p>Product weight check–Size XL</p>
 A photograph showing a piece of white fabric being rubbed against a light blue fabric sample.	 A photograph showing a light blue fabric sample on a green conveyor belt of a needle detection machine. The machine has Chinese text: "型智能全自动连续输送式检针器".
<p>Rub test</p>	<p>Needle detection check</p>

 <p>合格证 NO: 20200518-0087 验过机 检测日期: 2020年05月18日 检测员: 卜彦珍 有效期: 1年</p>	 <p>0.34g ELECTRONIC SCALE</p>
<p>Certificate of qualification</p>	<p>Fabric weight GSM</p>
 <p>Hands pulling on a piece of blue fabric to test its strength.</p>	 <p>Close-up of a liquid droplet on the fabric surface.</p>
<p>Fabric strength test</p>	<p>Resistance to liquid penetration</p>
 <p>Blue fabric held up, showing liquid droplets on the surface.</p>	 <p>Close-up of the fabric's mesh pattern with a ruler for scale.</p>
<p>Resistance to liquid penetration</p>	<p>Sewing check-10.5stitches/inch</p>

	
<p>Fabric thickness-Submitted sample</p>	<p>Fabric thickness</p>
	
<p>Quantity per carton check</p>	<p>Carton drop test</p>
	<p>NA</p>
<p>After carton drop test</p>	

<p>Inspector:</p>	<p>5.1.2e</p>	<p>Auditor:</p>	<p>5.1.2e</p>
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<p>End of Report</p>	
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