

To protect the privacy of customers or suppliers of Salamander Jewelry. We erased their address from this document.

TEST REPORT

CUSTOMER : Salamander Jewelry Co.,ltd.

M/C : SHINVA

Document No. : TR-EO-008280820

MODEL : XG 1 SERIES

Date : 28/8/2020

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2313033

Determination of Sterilization Specification

Item Detail	Specification	Setting	Result
Chamber Setting Temperature	55.0 - 59.0 (°C)	59 (°C)	-
Vacuum Level	5-12 kPa	9 kPa	-
Vacuum Time (min)	50-60 min	60 min	-
Humidification			
Humidity (%)	50%-90%	87%	-
Sterilization			
Steri Temp	55.0 - 59.0 (°C)	55.0 (°C)	-
Jacket Temp	60.0 - 65.0 (°C)	65.0 (°C)	-
Gas Injection			
Final pressure (kpa(abs))	0.21-0.23 kPa	0.21 kPa	-
Final temperature of vaporizer,Temp 10 (°C)	55.0 - 59.0 (°C)	55 (°C)	-
Exposure			
Temperature at strat point of Exposure time period Temp. 1 (°C)	55.0 - 59.0 (°C)	60 (°C)	-
Temperature at finish point of Exposure time period Temp. 1 (°C)	55.0 - 59.0 (°C)	55 (°C)	-
Exposure Time (min)	390-420 min	420 min	-
Exhaust			
Exhaust Time (hour)	≥ 4 hour	4 hour	-
First Vacuum Level (kPa)	5-12 kPa	9 kPa	-
Second Vacuum Level (kPa)	5-12 kPa	9 kPa	-
Third Vacuum Level (kPa)	5-12 kPa	9 kPa	-
Storage			
Storage Time	≥ 48 hour	≥ 48 hour	-
Chemical tested, Sterile Strip			
EO sterilization temperatures 55-60 C° Time sterile by EO 7 hours	Brown	Brown	Pass
Biological Test			
EZ Test Biological Indicator	Brown	Brown	Pass
24 hour results for EO	Red	Red	Pass

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SAMPLE SLIP PARAMETER

EXHAUST:04H 00MIN		TOTAL :11H 49MIN	
PRETT :00H 49MIN		STERI :07H 00MIN	
ACTUAL TIME			
05:09:06 STERILIZATION SUCCESS			
END	05:08:55	062,10	000kPa
	05:08:55	062,10	000kPa
	01:09:43	061,70	-015kPa
EXHAUST	01:07:55	061,70	003kPa
	01:00:25	061,70	003kPa
	00:50:25	061,60	003kPa
	00:40:25	061,60	003kPa
	00:30:25	061,50	003kPa
	00:20:25	061,40	003kPa
	00:10:25	061,40	003kPa
	00:00:25	061,40	003kPa
	23:50:25	061,30	004kPa
	23:40:25	061,30	003kPa
	23:30:25	061,20	004kPa
	23:20:25	061,10	004kPa
	23:10:25	061,10	004kPa
	23:00:25	061,10	004kPa
	22:50:25	061,10	004kPa
	22:40:25	061,10	004kPa
	22:30:25	061,00	004kPa
	22:20:25	061,00	004kPa
	22:10:25	061,00	004kPa
	22:00:25	061,00	004kPa
	21:50:25	061,00	004kPa
	21:40:25	061,00	004kPa
	21:30:25	061,00	004kPa
	21:20:25	061,00	004kPa
	21:10:25	060,90	004kPa

	21:00:25	060,90	004kPa
	20:50:25	061,00	004kPa
	20:40:25	061,00	004kPa
	20:30:25	061,00	004kPa
	20:20:25	061,00	004kPa
	20:10:25	061,00	004kPa
	20:00:25	061,00	004kPa
	19:50:25	061,00	004kPa
	19:40:25	061,00	005kPa
	19:30:25	061,00	005kPa
	19:20:25	061,00	005kPa
	19:10:25	061,10	005kPa
	19:00:25	061,00	005kPa
	18:50:25	060,90	072kPa
	18:40:25	060,90	084kPa
	18:30:25	060,90	127kPa
	18:20:25	060,90	227kPa
	18:10:25	060,90	264kPa
STERI	18:06:40	060,80	228kPa
ADD ED	18:04:01	061,00	-086kPa
	18:00:25	061,00	000kPa
HUMIDI	17:53:59	061,00	-086kPa
PRETT	17:50:25	061,00	002kPa
PREHEAT	17:21:30	061,00	002kPa
STATE	TIME	TEMP	PRE
RUN COUNT : 0128			
ED PRE :060kPa VENT TIME:04H 00M			
STERI TEMP: 055,00 STERI TIME:07H 00M			
PRO TYP 17:21:30 061,00 002kPa			
START TIME: 2020-06-27 17:21:22			

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PROCESS FLOW CHART OF STERILIZATION

- > loading > into the chamber > door close > program starts
- > preprocessing > EO entry > sterilization
- > later processing > ventilation > air entry > the end
- > door open > unloading.

We here by certificate that following products were sterilized by E.O. at CITY MEDICAL SUPPLY CO.,LTD .

The result of sterilization by biological indicator are passed.

CODE	Iteme	Color	Lot. No	TOTAL QUANTITY	STERILIZED DATE
Z-PNV-CRE	STERILE DISPOSAL ROUND CLAMPS		LOT-0198	800	27 Aug 20
Z-BN-1.6-12.0-4	STERILE SURGICAL STEEL CURVED BARBELL			100	
QL-Z-ZGFBC-1.0-9.0-3	STERILE ZIRCON GOLD PVD SURGICAL STEEL FIXED BEAD RING FOR QUILLIAN NO CARD			100	

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