

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-004190121

MODEL : XG 1 SERIES

Date : 19/1/2021

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2332582

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 COMIN	TOTAL :11H 49MIN		
PRETT :0CH 48MIN	STERI :07H COMIN		
ACTUAL TIME			
08:13:11 STERILIZATION SUCCESS			
END	08:13:00	059,40	002kPa
	08:13:00	059,40	002kPa
	04:13:35	059,70	-015kPa
	04:13:30	059,80	-009kPa
EXHAUST	04:12:00	059,80	005kPa
	04:03:30	059,90	005kPa
	03:53:30	059,90	005kPa
	03:43:50	060,10	005kPa
	03:33:50	060,10	005kPa
	03:23:30	060,20	006kPa
	03:13:30	060,30	006kPa
	03:03:30	060,50	006kPa
	02:53:30	060,60	005kPa
	02:43:30	060,70	006kPa
	02:33:30	060,70	006kPa
	02:23:30	060,90	006kPa
	02:13:30	061,00	006kPa
	02:03:30	061,10	006kPa
	01:53:30	061,20	006kPa
	01:43:30	061,40	006kPa
	01:33:30	061,60	006kPa
	01:23:30	061,60	006kPa
	01:13:30	061,70	006kPa
	01:03:30	061,90	006kPa
	00:53:30	062,00	006kPa
	00:43:30	062,30	006kPa
	00:33:30	062,30	006kPa
	00:23:30	062,50	007kPa
	00:13:30	062,50	007kPa
	00:03:30	062,70	007kPa
	23:53:30	062,80	007kPa
	23:43:30	062,90	007kPa
	23:33:30	063,00	007kPa
	23:23:30	063,10	007kPa
	23:13:30	063,20	007kPa
	23:03:30	063,30	007kPa
	22:53:30	063,40	007kPa
	22:43:30	063,40	007kPa
	22:33:30	063,40	007kPa
	22:23:30	063,40	008kPa
	22:13:30	063,40	008kPa
	22:03:30	063,50	008kPa
	21:53:30	063,50	008kPa
	21:43:30	063,40	008kPa
	21:33:30	063,20	005kPa
	21:23:30	063,00	188kPa
	21:13:30	062,80	221kPa
STERI	21:12:21	062,80	202kPa
ADD ED	21:07:01	062,90	-008kPa
	21:03:30	062,80	000kPa
HUMIDI	20:56:59	062,70	-007kPa
PRETT	20:53:30	062,40	002kPa
PREHEAT	20:24:14	057,30	002kPa
STATE	TIME	TEMP	PRE
RUN COUNT : 0338			
ED PRE	:060kPa	VENT TIME:04H	COM
STERI TEMP:	055,0C	STERI TIME:07H	COM
PRO TYP	20:24:14	057,30	002kPa
START TIME:	2021-01-18	20:24:07	

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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-XCN-3-1.6-12.0-5/8-CL-CR	STERILE BIOFLEX JEWELLED CUP NAVEL BANANA WITH TITANIUM BALL			50	
Z-LJNO-0.8-6.5-2.35-CR	STERILE SURGICAL STEEL LARGE CURVE JEWELLED NOSE STUD			1000	
Z-LJNO-1.0-6.5-2.35-CR	STERILE SURGICAL STEEL LARGE CURVE JEWELLED NOSE STUD			270	
Z-TBL-1.6-16.0-5-HP	STERILE TITANIUM BARBELL			50	
Z-PSSP-CRE	STERILE DISPOSAL SLOTTED PENNINGTONS			254	
Z-TBC-1.2-10.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			49	
Z-TBL-1.6-16.0-5-HP	STERILE TITANIUM BARBELL			25	
Z-TMLB-1.2-10.0-3-HP	STERILE TITANIUM MICRO LABRET		LOT-0218	15	18 Jan 21
Z-LB-1.6-8.0-4	STERILE SURGICAL STEEL LABRET			10	
PT-Z-TMLB-1.2-8.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			556	
TDI-Z-CNO-1.0-6.5-2.5	STERILED SURGICAL STEEL CURVED BALL NOSE STUD FOR TDI			100	
TDI-Z-TJNO-OP-1.0-6.5-2.35-CR	STERILIZE CZECH CRYSTAL CURVED NOSE STUD FOR TDI			300	
Z-LJNO-0.8-6.5-2.35-CR	STERILE SURGICAL STEEL LARGE CURVE JEWELLED NOSE STUD			300	
Z-TBC-1.6-10.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			20	
QL-Z-GSCNEEDLES-1.2-24.0	STERILE CURVED STAINLESS STEEL NEEDLE FOR QUILLIAN NO CARD			400	
Z-PSSP-CRE	STERILE DISPOSAL SLOTTED PENNINGTONS			46	
Z-BNJ-1.6-10.0-5/8-CR	STERILE SURGICAL STEEL JEWELLED NAVEL BANANA			10	
Z-BNDJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL DOUBLE JEWELLED NAVEL BANANA			94	
Z-TBC-1.2-8.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			10	
Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE			400	

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