

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-009190221

MODEL : XG 1 SERIES

Date : 19/2/2021

SERIAL No. : 070997

Page : 1 / 3

PRODUCT : ORDER NO. 2336858

### 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	-
<b>Humidification</b>			
Humidity (%)	50%-90%	87%	-
<b>Sterilization</b>			
Steri Temp	55.0 - 59.0 (°C)	55.0 (°C)	-
Jacket Temp	60.0 - 65.0 (°C)	65.0 (°C)	-
<b>Gas Injection</b>			
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)	-
<b>Exposure</b>			
Temperature at start 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	-
<b>Exhaust</b>			
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	-
<b>Storage</b>			
Storage Time	≥ 48 hour	≥ 48 hour	-
<b>Chemical tested, Sterile Strip</b>			
EO sterilization temperatures 55-60 C° Time sterile by EO 7 hours .	Brown	Brown	Pass
<b>Biological Test</b>			
EZ Test Biological Indicator	Brown	Brown	Pass
24 hour results for EO	Red	Red	Pass

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Page : 2 / 3

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## SAMPLE SLIP PARAMETER

EXHAUST:04H DOWN	TOTAL :11H 52MIN
PRETT :00H 50MIN	STERI :07H DOWN
ACTUAL TIME	
08:06:10 STERILIZATION SUCCESS	
END 08:05:59	061,50 -002kPa
08:05:59	061,50 -002kPa
04:06:14	064,00 -015kPa
EXHAUST 04:03:59	064,20 009kPa
04:02:29	064,20 009kPa
03:52:29	064,30 009kPa
03:42:29	064,30 009kPa
03:32:29	064,40 009kPa
03:22:29	064,50 009kPa
03:12:29	064,60 009kPa
03:02:29	064,70 010kPa
02:52:29	064,70 010kPa
02:42:29	064,80 010kPa
02:32:29	064,90 010kPa
02:22:29	065,00 010kPa
02:12:29	065,10 010kPa
02:02:29	065,00 010kPa
01:52:29	065,10 010kPa
01:42:29	065,10 010kPa
01:32:29	065,10 010kPa
01:22:29	065,10 010kPa
01:12:29	065,10 010kPa
01:02:29	065,10 010kPa
00:52:29	065,10 010kPa
00:42:29	065,10 010kPa
00:32:29	065,10 010kPa
00:22:29	065,00 010kPa
00:12:29	065,10 010kPa

00:02:29	065,00	010kPa	
23:52:29	065,10	010kPa	
23:42:29	065,00	010kPa	
23:32:29	065,00	010kPa	
23:22:29	064,90	011kPa	
23:12:29	064,90	010kPa	
23:02:29	064,90	011kPa	
22:52:29	065,00	011kPa	
22:42:29	065,00	011kPa	
22:32:29	065,10	011kPa	
22:22:29	065,10	011kPa	
22:12:29	065,20	057kPa	
22:02:29	065,20	063kPa	
21:52:29	065,20	077kPa	
21:42:29	065,20	100kPa	
21:32:29	065,20	156kPa	
21:22:29	065,20	307kPa	
21:12:29	064,90	311kPa	
STERI 21:04:05	064,30	272kPa	
21:02:29	065,10	009kPa	
ADD ED 20:58:22	065,10	-087kPa	
20:52:29	064,90	-001kPa	
HUMID1 20:48:29	064,30	-066kPa	
PRETT 20:42:29	063,00	003kPa	
PREXT 20:18:48	060,30	002kPa	
STATE	TIME	TEMP	PRE
RUN COUNT : 0387			
ED PRE :060kPa VENT TIME:04H 00M			
STERI TEMP: 065,00 STERI TIME:07H 00M			
PRE TIP 20:13:40 060,30 002kPa			
START TIME: 2021-02-18 20:13:40			

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Page : 3 / 3

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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
THD-Z-RGBC-1.2-10.0-4	STERILE ROSE GOLD PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO			700	
THD-Z-RGBC-1.6-10.0-4	STERILE ROSE GOLD PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO			300	
THD-Z-RGBL-1.6-10.0-4	STERILE ROSE GOLD PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			300	
THD-Z-RGBL-1.6-16.0-5	STERILE ROSE GOLD PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			300	
THD-Z-RGCNO-1.0-6.5-1.8	STERILE ROSE GOLD PVD COATED SURGICAL STEEL CURVED BALL NOSE STUD FOR THENDRO			300	
THD-Z-RGLB-1.6-8.0-4	STERILE ROSE GOLD PVD COATED SURGICAL STEEL LABET FOR THENDRO			300	
THD-Z-RGMBL-1.2-10.0-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL MICRO BARBELL FOR THENDRO			1000	
THD-Z-RGMBN-1.2-10.0-2.5	STERILE ROSE GOLD PVD COATED SURGICAL STEEL CURVED MICRO BARBELL FOR THENDRO			300	
THD-Z-RGMCB-1.2-8.0-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL MICRO CIRCULAR BARBEL FOR THENDRO			700	
Z-BNJ-1.6-10.0-5/8-CR	STERILE SURGICAL STEEL JEWELLED NAVEL BANANA			14	
Z-GSNEEDLES-0.8-48.0	STERILIZED STAINLESS STEEL NEEDLE			56	
Z-LB-1.6-8.0-4	STERILE SURGICAL STEEL LABRET			10	
Z-TBC-1.2-10.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			44	
Z-TBNDJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA			15	
Z-XMLB-3-1.2-7.0-3/3-CL	STERILE BIOFLEX MICRO LABRET WITH TITANIUM BALL			10	
Z-XMLB-3-1.2-8.0-3-CL	STERILE BIOFLEX MICRO LABRET WITH TITANIUM BALL			43	
Z-BL-1.6-19.0-5	STERILE SURGICAL STEEL BARBELL		LOT-0225	10	18 Feb 21
Z-BNJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL JEWELLED NAVEL BANANA			40	
Z-LB-1.6-10.0-3	STERILE SURGICAL STEEL LABRET			10	
Z-GSNEEDLES-1.0-48.0	STERILIZED STAINLESS STEEL NEEDLE			1000	
Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE			132	
THD-Z-BKBC-1.2-10.0-4	STERILE BLACK PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO			900	
THD-Z-BKMCB-1.2-10.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO CIRCULAR BARBELL FOR THENDRO			900	
PT-Z-TINMLB-1.2-8.0-3-HP	STERILE TITANIUM INTERNALLY THREADED MICRO LABRET FOR PTIT ROC			300	
Z-TINDAJD-1.6-2.0-4-HP-CR	STERILE TITANIUM INTERNALLY THREADED DERMAL ANCHOR WITH JEWELLED DISC			10	
Z-BL-1.6-19.0-5	STERILE SURGICAL STEEL BARBELL			42	
PT-Z-XBL-1-1.6-14.0-5-CL	STERILE BIOFLEX BARBELL WITH STEEL BALLS FOR PTIT ROC			57	
PT-Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR PTIT ROC			308	
PT-Z-TBNJ-1.6-10.0-5/8-CR	STERILE TITANIUM JEWELLED NAVEL BANANA FOR PTIT ROC			113	
Z-MBN-1.2-10.0-3	STERILE SURGICAL STEEL MICRO CURVED BARBELL			500	
PT-Z-TBL-1.6-18.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			387	
PT-Z-TMLB-1.2-12.0-2.5-CR	STERILE TITANIUM MICRO LABRET WITH JEWELLED BALL FOR PTIT ROC			120	
PT-Z-TBNJ-1.6-12.0-5/8-CR	STERILE TITANIUM JEWELLED NAVEL BANANA FOR PTIT ROC			219	
TDI-Z-JNO-OP-1.0-6.5-2.35-CR	STERILE SURGICAL STEEL CZECH CRYSTAL JEWELLED CURVED NOSE STUD FOR TDI			200	
PT-Z-TBL-1.6-18.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			65	
Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM			1100	
PT-Z-TBL-1.6-18.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			127	

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