

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-007160221

MODEL : XG 1 SERIES

Date : 16/2/2021

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2336286

### 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 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	-
<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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## SAMPLE SLIP PARAMETER

EXHAUST:04H COMIN TOTAL :11H 53MIN	
PRETT :00H 53MIN STERI :07H COMIN	
ACTUAL TIME	
05:05:26 STERILIZATION SUCCESS	
END	05:05:15 061,10 -002kPa
	05:05:15 061,10 -002kPa
	01:06:00 061,50 -015kPa
EXHAUST	01:03:14 061,60 002kPa
	01:00:44 061,60 002kPa
	00:50:44 061,70 002kPa
	00:40:44 061,70 002kPa
	00:30:44 061,80 002kPa
	00:20:44 061,90 002kPa
	00:10:44 061,90 002kPa
	00:00:44 061,90 002kPa
	23:50:44 062,00 002kPa
	23:40:44 062,20 002kPa
	23:30:44 062,30 002kPa
	23:20:44 062,30 002kPa
	23:10:44 062,30 002kPa
	23:00:44 062,30 002kPa
	22:50:44 062,40 002kPa
	22:40:44 062,60 002kPa
	22:30:44 062,60 002kPa
	22:20:44 062,80 002kPa
	22:10:44 062,90 002kPa
	22:00:44 063,10 002kPa
	21:50:44 063,30 002kPa
	21:40:44 063,40 002kPa
	21:30:44 063,50 002kPa
	21:20:44 063,70 002kPa
	21:10:44 063,80 002kPa

	21:00:44	063,90	002kPa
	20:50:44	064,10	002kPa
	20:40:44	064,10	002kPa
	20:30:44	064,30	002kPa
	20:20:44	064,40	002kPa
	20:10:44	064,50	002kPa
	20:00:44	064,60	002kPa
	19:50:44	064,80	002kPa
	19:40:44	065,00	002kPa
	19:30:44	065,20	002kPa
	19:20:44	065,30	002kPa
	19:10:44	065,50	002kPa
	19:00:44	065,70	031kPa
	18:50:44	065,90	043kPa
	18:40:44	066,10	055kPa
	18:30:44	066,30	070kPa
	18:20:44	066,40	133kPa
	18:10:44	066,40	311kPa
STERI	18:03:46	066,60	204kPa
	18:00:44	067,10	-001kPa
ADD ED	17:56:47	067,20	-087kPa
	17:50:44	067,40	-003kPa
HUMIDI	17:46:41	067,60	-088kPa
PRETT	17:40:44	067,70	002kPa
PREHEAT	17:11:53	067,60	002kPa
STATE	TIME	TEMP	PRE

  

RUN COUNT : 0382			
ED PRE	:060kPa	VENT TIME:	04H COM
STERI TEMP:	065,00	STERI TIME:	07H COM
PRO TYP	17:11:53	067,60	002kPa
START TIME: 2021-02-15 17:11:45			

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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
PT-Z-TBCH-1.2-10.0-4	STERILE TITANIUM BALL CLOSURE RING WITH HEMATITE BALL FOR PTIT ROC			251	
PT-Z-TBL-1.6-14.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			143	
PT-Z-TBL-1.6-22.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			159	
PT-Z-TCB-1.6-8.0-4	STERILE TITANIUM 90 DEGREE STAPLE BARBELL FOR PTIT ROC			59	
PT-Z-TMCB-1.2-8.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC			202	
PT-Z-XMLB-1.1.2-10.0-3/4B-CL	STERILE BIOFLEX MICRO LABRET WITH STEEL BALL FOR PTIT ROC			50	
PT-Z-XMLBJ-7.1.2-10.0-3-CL-CR	STERILE BIOFLEX JEWELLED MICRO LABRET FOR PTIT ROC			72	
THD-Z-RGBN-1.6-10.0-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL CURVED BARBELL FOR THENDRO			100	
THD-Z-RGBNDJOP-1.6-10.0-5/8-CR	STERILE ROSE GOLD PVD COATED SURGICAL STEEL DOUBLE OPTIMA CRYSTALS NAVEL BANANA FOR THENDRO			400	
THD-Z-RGLB-1.6-10.0-4	STERILE ROSE GOLD PVD COATED SURGICAL STEEL LABEL FOR THENDRO			300	
THD-Z-RGMBL-1.2-8.0-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL MICRO BARBELL FOR THENDRO			1000	
THD-Z-RGMLB-1.2-8.0-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL MICRO LABRET FOR THENDRO			1000	
Z-XBN-3-1.6-12.0-3-CL	STERILE BIOFLEX CURVED BARBELL WITH TITANIUM BALLS			12	
Z-XBN-3-1.6-18.0-4-CL	STERILE BIOFLEX CURVED BARBELL WITH TITANIUM BALLS			14	
Z-TBL-1.6-22.0-5-HP	STERILE TITANIUM BARBELL			18	
Z-TMLB-1.2-12.0-3-HP	STERILE TITANIUM MICRO LABRET			16	
PT-Z-TBL-1.6-12.0-4	STERILIZED TITANIUM BARBELL FOR PTIT ROC		LOT-0224	100	15 Feb 21
PT-Z-TMBL-1.2-10.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR PTIT ROC			119	
PT-Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR PTIT ROC			298	
PT-Z-TMCB-1.2-10.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC			156	
PT-Z-XINNOTJD2-0.8-6.0-2-CL-CR	STERILE BIOFLEX INTERNAL CURVED NOSE STUD WITH TITANIUM JEWELLED DISC FOR PTIT ROC			54	
Z-PRTA-6.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM			3300	
Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM			6900	
PT-Z-TBNDJ-1.6-10.0-5/8-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA FOR PTIT ROC			345	
PT-Z-TBNJ-1.6-10.0-5/8-CR	STERILE TITANIUM JEWELLED NAVEL BANANA FOR PTIT ROC			158	
TDI-Z-TBNDJ-OP-1.6-12.0-5/8-CR	STERILE TITANIUM JEWELLED NAVEL BANANA FOR TDI			100	
TDI-Z-TBNDJ-OP-1.6-12.0-5/8-CR	STERILE TITANIUM JEWELLED NAVEL BANANA FOR TDI			50	
TDI-Z-TINBL-1.6-34.0-5	STERILE TITANIUM INTERNALLY THREADED BARBELL FOR TDI			75	
TDI-Z-TINMBL-1.2-8.0-3	STERILE TITANIUM INTERNALLY THREADED MICRO BARBELL FOR TDI			50	
TDI-Z-TINMLBJ-1.2-8.0-2-CR	STERILE TITANIUM INTERNALLY THREADED JEWELLED MICRO LABRET FOR TDI			300	
TDI-Z-TMLBJ-OP-1.2-12.0-3-CR	STERILE TITANIUM MICRO LABRET WITH JEWELLED BALL FOR TDI			100	
Z-MCB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL			10	
Z-BL-1.6-12.0-4	STERILE SURGICAL STEEL BARBELL			30	
Z-BL-1.6-14.0-4	STERILE SURGICAL STEEL BARBELL			20	
Z-BN-1.6-10.0-4	STERILE SURGICAL STEEL CURVED BARBELL			10	
Z-LB-1.6-8.0-3	STERILE SURGICAL STEEL LABRET			10	

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CODE	Iteme	Color	Lot. No	TOTAL QUANTITY	STERILIZED DATE
Z-MBL-1.2-7.0-3	STERILE SURGICAL STEEL MICRO BARBELL			10	
Z-MBL-1.2-8.0-3	STERILE SURGICAL STEEL MICRO BARBELL			10	
Z-MBN-1.2-8.0-3	STERILE SURGICAL STEEL MICRO CURVED BARBELL			40	
Z-MLB-1.2-7.0-3	STERILE SURGICAL STEEL MICRO LABRET			30	
Z-MLB-1.2-9.0-3	STERILE SURGICAL STEEL MICRO LABRET			12	
Z-MTSTD-1.2-10.0-4	STERILE TITANIUM 90 DEGREE STAPLE MICRO BARBELL WITH DISC			10	
Z-TMBL-1.2-14.0-3-HP	STERILE TITANIUM MICRO BARBELL			10	
Z-TMBL-1.2-16.0-3-HP	STERILE TITANIUM MICRO BARBELL			10	
Z-XCN-3-1.6-12.0-5/8-CL-CR	STERILE BIOFLEX JEWELLED CUP NAVEL BANANA WITH TITANIUM BALL			10	
Z-JNO90-0.8-6.5-1.8-CR	STERILE SURGICAL STEEL JEWELLED CURVED NOSE STUD			60	
QL-Z-BKBL-1.6-12.0-4	STERILE BLACK PVD SURGICAL STEEL BARBELL FOR QUILLIAN NO CARD			50	
QL-Z-BKBL-1.6-14.0-4	STERILE BLACK PVD SURGICAL STEEL BARBELL FOR QUILLIAN NO CARD			50	
QL-Z-BKMLB-1.2-8.0-3	STERILE BLACK PVD SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD			100	
QL-Z-BL-1.6-14.0-4	STERILE SURGICAL STEEL BARBELL FOR QUILLIAN			100	
QL-Z-BL-1.6-34.0-4	STERILE SURGICAL STEEL BARBELL FOR QUILLIAN			100	
QL-Z-GSCNEEDLES-1.2-48.0	STERILE CURVED STAINLESS STEEL NEEDLE FOR QUILLIAN NO CARD			400	
QL-Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE FOR QUILLIAN			600	
QL-Z-MBL-1.2-8.0-2.5	STERILE SURGICAL STEEL MICRO BARBELL FOR QUILLIAN			100	
QL-Z-MBN-1.2-6.0-3	STERILE SURGICAL STEEL MICRO CURVED BARBELL FOR QUILLIAN NO CARD			100	
QL-Z-MLB-1.2-8.0-2.5/3B	STERILE SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD			100	
QL-Z-PFINJB-1.0-8.0-3-CR	STERILE SURGICAL STEEL JEWELLED THREADLESS LABRET			100	
QL-Z-ZGFBC-1.0-10.0-3	STERILE ZIRCON GOLD PVD SURGICAL STEEL FIXED BEAD RING FOR QUILLIAN NO CARD		LOT-0224	50	15 Feb 21
QL-Z-ZGMLB-1.2-8.0-3	STERILE ZIRCON GOLD PVD SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD			50	
PT-Z-TCB-1.6-12.0-4	STERILE TITANIUM 90 DEGREE STAPLE BARBELL FOR PTIT ROC			67	
PT-Z-TMBN-1.2-10.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC			349	
PT-Z-TMBN-1.2-8.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC			325	
PT-Z-TMCB-1.2-10.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC			142	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			238	
Z-GSNEEDLES-2.5-48.0	STERILIZED STAINLESS STEEL NEEDLE			50	
Z-TMLB-1.2-12.0-3-HP	STERILE TITANIUM MICRO LABRET			10	
Z-INMLBJD-1.2-8.0-3-CR	STERILE SURGICAL STEEL INTERNALLY THREADED LABRET WITH JEWELLED DISC			10	
Z-GSCNEEDLES-1.2-24.0	STERILE CURVED STAINLESS STEEL NEEDLE			7	
Z-BL-1.6-16.0-5	STERILE SURGICAL STEEL BARBELL			68	
Z-INMLBJD-1.2-8.0-2.5-CR	STERILE SURGICAL STEEL INTERNALLY THREADED LABRET WITH JEWELLED DISC			15	
Z-INMLBJD-1.2-8.0-3-CR	STERILE SURGICAL STEEL INTERNALLY THREADED LABRET WITH JEWELLED DISC			10	
PT-Z-TBL-1.6-30.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			50	
Z-TBC-2.5-18.0-6-HP	STERILE TITANIUM BALL CLOSURE RING			20	
PT-Z-TINMLB-1.2-10.0-3-HP	STERILE TITANIUM INTERNALLY THREADED MICRO LABRET FOR PTIT ROC			300	
PT-Z-TMBN-1.2-10.0-3	STERILE TITANIUM INTERNALLY THREADED MICRO LABRET FOR PTIT ROC			269	
PT-Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR PTIT ROC			1000	
Z-LB-1.6-10.0-3	STERILE SURGICAL STEEL LABRET			12	
Z-BNJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL JEWELLED NAVEL BANANA			40	
Z-TMLB-1.2-12.0-3-HP	STERILE TITANIUM MICRO LABRET			10	
Z-LB-1.6-10.0-3	STERILE SURGICAL STEEL LABRET			10	
Z-LB-1.6-12.0-4	STERILE SURGICAL STEEL LABRET			10	

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