

## Report Test

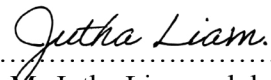
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We erased their address from this document.

**LOT No :** 0232/2021

**Date :** 19 March 2021

### Determination of Sterilization Operation Specification

Item Detail	Specification	Setting	Result
Chamber Setting Temperature	40.0-55.5 °C	45.0 °C	
Vacuum pressure	40-60 kPa	60 kPa	
Vacuum Time	50-60 min	60 min	
<b>Humidification</b>			
Humidity	50.0-90.0%	20.1 %	
<b>Sterilization</b>			
Sterilization Temperature	40.0-55.5 °C	44.3 °C	
<b>Gas Injection</b>			
Final pressure	0-10 kPa	4 kPa	
Final temperature of vaporizer	40.0-55.5 °C	44.6 °C	
<b>Exposure</b>			
Temperature at start point of Exposure time period	40.0-55.5 °C	44.8 °C	
Temperature at finish point of Exposure time period	40.0-55.5 °C	46.1 °C	
Exposure Time	120-240 min	180 min	
<b>Exhaust</b>			
Exhaust Time	60-80 min	75 min	
First Vacuum pressure	0-2 kPa	1.5 kPa	
Second Vacuum pressure	0-2 kPa	1.5 kPa	
Third Vacuum pressure	0-2 kPa	1.5 kPa	
Fourth Vacuum pressure	0-2 kPa	1.5 kPa	
Fifth Vacuum pressure	0-2 kPa	1.5 kPa	
<b>Storage</b>			
Storage Time	≥ 48 hour	≥ 48 hour	
<b>Chemical Test</b>			
EO sterilization temperature 40-55°C, Time Sterilization by EO 3hours	Blue	Red	Pass
<b>Biological Test</b>			
EZ Test Biological Indicator	Green	Green	Pass

  
 (.....)  
 Mr.Jutha Liammukda  
 Research and Development Engineer  
 Salamander Jewelry Co., Ltd.

END

Air replacement:  
Temperature: 45.1℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:1  
round time:0min(s)  
2021-3-19 19:39

Air replacement:  
Temperature: 45.2℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:2  
round time:0min(s)  
2021-3-19 19:19

Air replacement:  
Temperature: 45.6℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:3  
round time:0min(s)  
2021-3-19 18:58

Air replacement:  
Temperature: 45.6℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:4  
round time:0min(s)  
2021-3-19 18:38

Air replacement:  
Temperature: 45.6℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 18:18

Sterilization:  
Temperature: 46.1℃  
Humidity:20.2RH  
Pressures:-0.0KPa  
Sterilization time:0Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 18:13

Sterilization:  
Temperature: 44.6℃  
Humidity:20.2RH  
Pressures:-0.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 15:14

Sterilization:  
Temperature: 44.8℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 15:12

Add EO gas  
Temperature: 44.6℃  
Humidity:20.1RH  
Pressures:-4.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 15:12

Evacuation  
Temperature: 44.3℃  
Humidity:20.2RH  
Pressures:-0.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 15:5

Keeping Temp  
Temperature: 45.5℃  
Humidity:20.1RH  
Pressures:-1.5KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 14:5

Keep pressure qualified  
Temperature: 44.9℃  
Humidity:20.1RH  
Pressures:-59.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 14:3

Evacuation  
Temperature: 42.9℃  
Humidity:20.1RH  
Pressures:-3.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 13:52

Heating-up:  
Temperature: 23.3℃  
Humidity:20.1RH  
Pressures:-3.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 13:27

Setting:  
Temperature: 45.0℃  
Humidity:55.0RH  
Pressures:-60.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2021-3-19 13:27

LINE	Code	Description	LOT	Color	BOX	TOTAL / PCS
<b>2340034</b>						
5	Z-MLB-1.2-9.0-3	STERILE SURGICAL STEEL JEWELED MICRO LABRET	LOT-0232			6
7	Z-TMBL-1.2-10.0-3-HP	STERILE TITANIUM MICRO BARBELL	LOT-0232			20
8	Z-GSNEEDLES-1.0-48.0	STERILIZED STAINLESS STEEL NEEDLE	LOT-0232			390
12	Z-MCB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO LABRET	LOT-0232			20
13	Z-MLBJ-1.2-8.0-2.5-CR	STERILE SURGICAL STEEL JEWELED MICRO LABRET	LOT-0232	CR		20
14	Z-XCN-3-1.6-12.0-5/8-CL-CR	STERILE BIOFLEX JEWELED CUP NAVEL BANANA WITH TITANIUM BALL	LOT-0232	CR		10
15	Z-XJNO-1.0-6.0-2-CL-CR	STERILE BIOFLEX JEWELED CURVED NOSE STUD	LOT-0232	CR		10
<b>2340144</b>						
1	Z-TBL-1.6-19.0-5-HP	STERILE TITANIUM BARBELL	LOT-0232			40
5	Z-TJNO-0.8-6.5-2.35-HP-CR	STERILE TITANIUM JEWELED CURVED NOSE STUD	LOT-0232	CR		19
7	Z-TMBL-1.2-9.0-3-HP	STERILE TITANIUM MICRO BARBELL	LOT-0232			40
8	Z-TMLB-1.2-10.0-3-HP	STERILE TITANIUM MICRO LABRET	LOT-0232			15
<b>2340314</b>						
7	QL-Z-COBC-1.0-8.0	STERILE SURGICAL STEEL CONTINUOUS RING FOR QUILLIAN NO CARD	LOT-0232			50
8	QL-Z-FBC-1.0-6.0-3	STERILE SURGICAL STEEL FIXED BEAD RING FOR QUILLIAN NO CARD	LOT-0232			50
11	QL-Z-JMB-1.2-2.5-CR	STERILE SURGICAL STEEL SWAROVSKI CRYSTAL JEWELED MICRO BALL FOR QUILLIAN NO CARD	LOT-0232	CR		50
14	QL-Z-TINPDJ-1.6-2.0-4-CR	STERILE TITANIUM INTERNALLY THREADED DERMAL ANCHOR WITH JEWEL	LOT-0232	CR		50
<b>2339662</b>						
3	PT-Z-TMCB-1.2-8.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC	LOT-0232			109
4	PT-Z-TMBN-1.2-8.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC	LOT-0232			127
<b>2340433</b>						
1	Z-COBC-1.2-8.0	STERILE SURGICAL STEEL CONTINUOUS RING	LOT-0232			10
2	Z-SESI-4-CR	SURGICAL STEEL ROUND PRONG SET JEWELED EAR STUDS PAIR	LOT-0232	CR		10
<b>2335121</b>						
9	PT-Z-TINMLBJ-1.2-10.0-3-HP-CR	STERILE TITANIUM INTERNALLY THREADED JEWELED MICRO LABRET FOR PTIT ROC	LOT-0232	CR		300
10	PT-Z-TINMLBJ-1.2-8.0-3-HP-CR	STERILE TITANIUM INTERNALLY THREADED JEWELED MICRO LABRET FOR PTIT ROC	LOT-0232	CR		300
<b>2340087</b>						
11	Z-SESI-4-CR	SURGICAL STEEL ROUND PRONG SET JEWELED EAR STUDS PAIR	LOT-0232	CR		100
<b>2339869</b>						
3	TDI-Z-JNO90-0.8-6.5-2.35-CR	STERILE SURGICAL STEEL JEWELED 90 DEGREE NOSE STUD FOR TDI	LOT-0232	CR		100
<b>2333147</b>						
9	THD-Z-BKJNO-0.8-6.5-2.35-CR	STERILE BLACK PVD COATED SURGICAL STEEL SWAROVSKI CRYSTAL JEWELED 90 DEGREE NOSE STUD FOR TDI	LOT-0232	CR		400
<b>2340362</b>						
3	TDI-Z-CNO-1.0-6.5-2	STERILE SURGICAL STEEL CURVED BALL NOSE STUD FOR TDI	LOT-0232			100
<b>2328938</b>						
4	Z-MLBJ-1.2-8.0-2.5-CR	STERILE SURGICAL STEEL JEWELED MICRO LABRET	LOT-0232	CR		20
1	Z-BNDJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL DOUBLE JEWELED NAVEL BANANA	LOT-0232	CR		88
<b>2326846</b>						
1	Z-INMLBJ-1.2-8.0-2-CR	STERILE SURGICAL STEEL INTERNALLY THREADED JEWELED MICRO LABRET	LOT-0232	CR		50
<b>2328597</b>						
9	TDI-Z-TBNJ-OP-1.6-12.0-5/8-RO	STERILE TITANIUM JEWELED NAVEL BANANA FOR TDI	LOT-0232	RO		50
<b>2330212</b>						
1	Z-MCB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL	LOT-0232			14
<b>2328172</b>						
7	Z-BC-1.6-12.0-4	STERILE SURGICAL STEEL BCR	LOT-0232			100
<b>2340552</b>						
1	TDI-Z-TMCB-1.2-10.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR TDI	LOT-0232			100
<b>2340559</b>						
1	TDI-Z-TBL-1.6-12.0-4	STERILE TITANIUM BARBELL FOR TDI	LOT-0232			100
<b>2327185</b>						
1	Z-TMLB-1.2-8.0-3-HP	STERILE TITANIUM MICRO LABRET	LOT-0232			90
<b>2329376</b>						
2	Z-XMLB-1.2-10.0-3/3B-CL	STERILE BIOFLEX MICRO LABRET WITH STEEL BALL	LOT-0232			10
<b>2322384</b>						
8	Z-PSTC-CRE	STERILE DISPOSAL SLOTTED ROUND CLAMPS	LOT-0232			533
<b>TOTAL</b>						<b>3501</b>