

## Report Test

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

**LOT No :** 0352/2022  
**Date :** 2 February 2022

### 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%	20.2 %	
<b>Sterilization</b>			
Sterilization Temperature	40.0-55.5 °C	43.5 °C	
<b>Gas Injection</b>			
Final pressure	0-10 kPa	4 kPa	
Final temperature of vaporizer	40.0-55.5 °C	44.8 °C	
<b>Exposure</b>			
Temperature at start point of Exposure time period	40.0-55.5 °C	43.3 °C	
Temperature at finish point of Exposure time period	40.0-55.5 °C	46.0 °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

(.....*Jutha Liam.*.....)  
Mr. Jutha Liammukda  
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Salamander Jewelry Co., Ltd.

Sterilization:  
Temperature: 44.4℃  
Humidity:20.1RH  
Pressures:-4.1KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 15:23

Add EO gas  
Temperature: 44.4℃  
Humidity:20.2RH  
Pressures:-4.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 15:23

Evacuation  
Temperature: 45.1℃  
Humidity:20.2RH  
Pressures:-0.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 15:18

Keeping Temp  
Temperature: 45.1℃  
Humidity:20.2RH  
Pressures:-1.6KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 14:18

Keep pressure qualified  
Temperature: 44.1℃  
Humidity:20.1RH  
Pressures:-58.6KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 14:17

Evacuation  
Temperature: 42.6℃  
Humidity:20.2RH  
Pressures:-3.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 14:5

Heating-up:  
Temperature: 24.2℃  
Humidity:20.1RH  
Pressures:-3.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 13:38

Setting:  
Temperature: 45.0℃  
Humidity:55.0RH  
Pressures:-60.0KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 13:36

END

Air replacement:  
Temperature: 45.3℃  
Humidity:20.1RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:1  
round time:0min(s)  
2022-2-2 19:50

Air replacement:  
Temperature: 45.5℃  
Humidity:20.1RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:2  
round time:0min(s)  
2022-2-2 19:30

Air replacement:  
Temperature: 45.6℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:3  
round time:0min(s)  
2022-2-2 19:10

Air replacement:  
Temperature: 45.8℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:4  
round time:0min(s)  
2022-2-2 18:49

Air replacement:  
Temperature: 45.6℃  
Humidity:20.2RH  
Pressures:-1.5KPa  
Sterilization time:0Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 18:29

Sterilization:  
Temperature: 45.9℃  
Humidity:20.1RH  
Pressures:-0.0KPa  
Sterilization time:0Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 18:24

Sterilization:  
Temperature: 44.3℃  
Humidity:20.2RH  
Pressures:-4.1KPa  
Sterilization time:3Hour  
Air replace rounds:5  
round time:15min(s)  
2022-2-2 15:25

			LOT	Color	BOX	TOTAL
		2373551				
22	TDI-Z-TBNDJ-OP-1.6-10.0-5/8-RO	STERILE TITANIUM JEWELLED NAVEL BANANA FOR TDI	LOT-0352			100
32	TDI-Z-TBNJ-OP-1.6-14.0-5/8-BZ	STERILE TITANIUM JEWELLED NAVEL BANANA FOR TDI	LOT-0352			50
		2387511				
3	PT-Z-TBCSH-1.6-12.0-HP	STERILE TITANIUM HINGED SEGMENT RING FOR PTIT ROC	LOT-0352			55
7	PT-Z-TCB-1.6-12.0-4	STERILE TITANIUM 90 DEGREE STAPLE BARBELL FOR PTIT ROC	LOT-0352			33
19	PT-Z-TNO-0.8-6.5-2	STERILE TITANIUM CURVED BALL NOSE STUD FOR PTIT ROC	LOT-0352			184
		2387286				
1	Z-RGFPL-1.2-4.5-10	STERILE ROSE GOLD PVD COATED SURGICAL STEEL FAKE PLUG	LOT-0352			20
2	Z-RGFPL-1.2-4.5-3	STERILE ROSE GOLD PVD COATED SURGICAL STEEL FAKE PLUG	LOT-0352			20
		2372523				
2	TDI-Z-TBNDJ-OP-1.6-12.0-5/8-RO	STERILE TITANIUM JEWELLED NAVEL BANANA FOR TDI	LOT-0352			100
11	TDI-Z-TINCB-1.6-8.0-4	STERILE TITANIUM INTERNALLY THREADED CIRCULAR BARBELL FOR TDI	LOT-0352			200
		2374574				
20	PT-Z-TMLBJ-1.2-8.0-3-CR	STERILE TITANIUM MICRO LABRET WITH JEWELLED BALL FOR PTIT ROC	LOT-0352			146
		2384784				
2	Z-TBL-1.6-22.0-5-HP	STERILE TITANIUM BARBELL	LOT-0352			10
		2362288				
15	TDI-Z-HCOBC-1.0-10.0	STERILE SURGICAL STEEL OPEN HEART SEAMLESS RING FOR TDI	LOT-0352			200
		2387177				
3	TDI-Z-TNO-1.0-6.5-2.5	STERILE TITANIUM TITANIUM CURVED BALL NOSE STUD FOR TDI	LOT-0352			300
		2386204				
9	PT-Z-TCB-1.6-8.0-4	STERILE TITANIUM 90 DEGREE STAPLE BARBELL FOR PTIT ROC	LOT-0352			46
		161905				
3	Z-SCEC028-1.2-6.0-3-CR	STERILE SURGICAL STEEL JEWELLED EAR CUFF CHAIN WITH CROSSBONES SKULL AND CROSS	LOT-0352			1
		161787				
1	Z-MLB-1.2-7.0-3	STERILE SURGICAL STEEL MICRO LABRET	LOT-0352			25
2	Z-MLB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO LABRET	LOT-0352			150
3	Z-BL-1.6-34.0-4	STERILE SURGICAL STEEL BARBELL	LOT-0352			10
4	Z-BL-1.6-36.0-4	STERILE SURGICAL STEEL BARBELL	LOT-0352			20
5	Z-CB-1.6-9.0-3	STERILE SURGICAL STEEL CIRCULAR BARBELL	LOT-0352			25
26	Z-GPSCSH024-1.2-8.0-CR	STERILE GOLD PVD COATED SURGICAL STEEL CRYSTALLINE JEWELLED MULTI PURPOSE CLICKER	LOT-0352			2
31	Z-MBN-1.2-10.0-3	STERILE SURGICAL STEEL CURVED MICRO BARBELL	LOT-0352			20
32	Z-MBN-1.2-14.0-3	STERILE SURGICAL STEEL CURVED MICRO BARBELL	LOT-0352			5
33	Z-MBN-1.2-8.0-3	STERILE SURGICAL STEEL CURVED MICRO BARBELL	LOT-0352			30
34	Z-B-1.6-4	STERILE SURGICAL STEEL BALL	LOT-0352			20
		161399				
2	Z-ZGMBN-1.2-12.0-3	STERILE ZIRCON GOLD PVD COATED SURGICAL STEEL CURVED MICRO BARBELL	LOT-0352			9
		160361				
5	Z-LJNO-S-1.0-19.0-1.8-CR	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED STRAIGHT NOSE STUD 19MM	LOT-0352			20
		<b>TOTAL</b>				<b>1801</b>