


Report Test

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

LOT No : 0316/2021
Date : 29 November 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	
Humidification			
Humidity	50.0-90.0%	20.2 %	
Sterilization			
Sterilization Temperature	40.0-55.5 °C	43.5 °C	
Gas Injection			
Final pressure	0-10 kPa	4 kPa	
Final temperature of vaporizer	40.0-55.5 °C	44.8 °C	
Exposure			
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	
Exhaust			
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	
Storage			
Storage Time	≥ 48 hour	≥ 48 hour	
Chemical Test			
EO sterilization temperature 40-55°C, Time Sterilization by EO 3hours	Blue	Red	Pass
Biological Test			
EZ Test Biological Indicator	Green	Green	Pass


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

Sterilization:
Temperature: 44.7°C
Humidity: 20.2RH
Pressures: -4.1KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 15:20

Acid EO gas
Temperature: 44.6°C
Humidity: 20.2RH
Pressures: -4.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 15:20

Evacuation
Temperature: 44.7°C
Humidity: 20.1RH
Pressures: -0.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 15:10

Keeping Temp
Temperature: 44.9°C
Humidity: 20.1RH
Pressures: -1.5KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 14:10

Keep pressure qualified
Temperature: 43.9°C
Humidity: 20.1RH
Pressures: -58.8KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 14:8

Evacuation
Temperature: 42.5°C
Humidity: 20.1RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 13:56

Heating-up:
Temperature: 22.8°C
Humidity: 20.1RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 13:29

Setting:
Temperature: 45.0°C
Humidity: 55.0RH
Pressures: -60.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 13:26

END

Air replacement:
Temperature: 45.5°C
Humidity: 20.2RH
Pressures: -1.5KPa
Sterilization time: 0Hour
Air replace rounds: 1
round time: 0min(s)
2021-11-12 19:46

Air replacement:
Temperature: 45.9°C
Humidity: 20.2RH
Pressures: -1.5KPa
Sterilization time: 0Hour
Air replace rounds: 2
round time: 0min(s)
2021-11-12 19:26

Air replacement:
Temperature: 45.6°C
Humidity: 20.2RH
Pressures: -1.5KPa
Sterilization time: 0Hour
Air replace rounds: 3
round time: 0min(s)
2021-11-12 19:6

Air replacement:
Temperature: 45.0°C
Humidity: 20.2RH
Pressures: -1.5KPa
Sterilization time: 0Hour
Air replace rounds: 4
round time: 0min(s)
2021-11-12 18:46

Air replacement:
Temperature: 44.9°C
Humidity: 20.2RH
Pressures: -1.5KPa
Sterilization time: 0Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 18:26

Sterilization:
Temperature: 44.9°C
Humidity: 20.2RH
Pressures: -0.0KPa
Sterilization time: 0Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 18:21

Sterilization:
Temperature: 45.3°C
Humidity: 20.2RH
Pressures: -3.9KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2021-11-12 15:22

LINE	Code	Description	LOT	Color	BOX	TOTAL
		2376338				
13	THD-Z-RGCNO-1.0-6.5-1.8	STERILE ROSE GOLD PVD COATED SURGICAL STEEL CURVED BALL NOSE STUD FOR THENDRO	LOT-0316			200
16	THD-Z-TBL-1.6-19.0-4	STERILE TITANIUM BARBELL FOR THENDRO	LOT-0316			200
		2377547				
2	TDI-Z-BC-1.2-8.0-4	STERILE SURGICAL STEEL BALL CLOSURE RING FOR TDI	LOT-0316			100
		2360639				
5	Z-PSTC-CRE	STERILE DISPOSAL SLOTTED ROUND CLAMPS	LOT-0316			587
		2375546				
11	Z-TES3-3-CR	STERILE PAIR OF TITANIUM SQUARE PRONG SET JEWELLED EAR STUDS	LOT-0316	CR		10
		2373798				
6	QL-Z-BKFCB-1.0-9.0-3	STERILE BLACK PVD SURGICAL STEEL FIXED BEAD RING FOR QUILLIAN NO CARD	LOT-0316			50
		159261				
8	Z-RGMLB-1.2-8.0-2	STERILE ROSE GOLD PVD COATED SURGICAL STEEL MICRO LABRET	LOT-0316			6
12	Z-TMCB-1.2-10.0-2.5-HP	STERILE TITANIUM MICRO CIRCULAR BARBELL	LOT-0316			10
		158580				
3	Z-BNDJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL DOUBLE JEWELLED NAVEL BANANA	LOT-0316	CR		15
		158688				
3	Z-BNDJ-1.6-12.0-5/8-CR	STERILE SURGICAL STEEL DOUBLE JEWELLED NAVEL BANANA	LOT-0316	CR		20
		153118				
26	Z-TBNDJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA	LOT-0316	CR		8
		157898				
11	Z-JNO-0.8-6.5-2.35-CR	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED CURVED NOSE STUD	LOT-0316	CR		20
		159165				
12	Z-GPSCS430-4	STERILE GOLD PVD COATED SURGICAL STEEL EAR STUDS PAIR - BALL 4MM	LOT-0316			2
		157971				
10	Z-NO31-0.6-6.5	STERILE SURGICAL STEEL CURVED NOSE STUD - STARS	LOT-0316			10
		159261				
1	Z-BL-1.6-10.0-3	STERILE SURGICAL STEEL BARBELL	LOT-0316			4
2	Z-BL-1.6-12.0-3	STERILE SURGICAL STEEL BARBELL	LOT-0316			10
3	Z-BL-1.6-8.0-3	STERILE SURGICAL STEEL BARBELL	LOT-0316			4
4	Z-CNOD-1.0-6.5-1.5	STERILE SURGICAL STEEL CURVED DISC NOSE STUD	LOT-0316			20
6	Z-MCB-1.2-8.0-2	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL	LOT-0316			20
7	Z-RGCBC1-1.0-10.0	STERILE ROSE GOLD PVD COATED SURGICAL STEEL SEAMLESS RING - TWIST	LOT-0316			1
11	Z-SES1-3-LV	STERILE SURGICAL STEEL ROUND PRONG SET JEWELLED EAR STUDS PAIR	LOT-0316	LV		5
		159165				
3	Z-BKMLB-1.2-10.0-3	STERILE BLACK PVD SURGICAL STEEL MICRO LABRET	LOT-0316			3
5	Z-BLJ-1.6-16.0-4-AQ	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED BARBELL	LOT-0316	AQ		1
6	Z-BLJ-1.6-16.0-4-BKD	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED BARBELL	LOT-0316	BKD		2
7	Z-BLJ-1.6-16.0-4-CR	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED BARBELL	LOT-0316	CR		2
8	Z-BLJ-1.6-16.0-4-MB	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED BARBELL	LOT-0316	MB		1
9	Z-BLJ-1.6-16.0-4-SA	STERILE SURGICAL STEEL HIGH END CRYSTAL JEWELLED BARBELL	LOT-0316	SA		1
10	Z-CNO90-0.8-6.5-2.35	STERILE SURGICAL STEEL 90 DEGREE BALL NOSE STUD	LOT-0316			9
13	Z-HL-1.2-5.5-2.5	STERILE SURGICAL STEEL HELIX SHIELD WITH BALLS	LOT-0316			2
14	Z-MBL-1.2-16.0-3	STERILE SURGICAL STEEL MICRO BARBELL	LOT-0316			3
15	Z-MBLSC309-1.2-8.0-3	STERILE SURGICAL STEEL TRAGUS MICRO BARBELL - FLOWER	LOT-0316			2
19	Z-SES9-4-JE	STERILE SURGICAL STEEL JEWELLED CUP EAR STUDS PAIR	LOT-0316	JE		1
20	Z-TINDAB-1.6-2.0-2.5-HP	STERILE TITANIUM INTERNALLY THREADED DERMAL ANCHOR WITH BALL	LOT-0316			1
21	Z-TINDAJD-1.6-2.0-3-HP-CR	STERILE TITANIUM INTERNALLY THREADED DERMAL ANCHOR WITH JEWELLED DISC	LOT-0316	CR		5
23	Z-TPFIND-1.2-10.0-2-HP	STERILE TITANIUM THREADLESS DISC LABRET	LOT-0316			2
24	Z-TPFIND-1.2-8.0-2-HP	STERILE TITANIUM THREADLESS DISC LABRET	LOT-0316			2
25	Z-TPFIND-1.6-10.0-2.5-HP	STERILE TITANIUM THREADLESS DISC LABRET	LOT-0316			6
26	Z-XINDATJD-1.6-2.0-3-CL-HP	STERILE BIOFLEX INTERNALLY THREADED DERMAL ANCHOR WITH TITANIUM JEWELLED DISC	LOT-0316	CR		2
27	Z-XINDATJD-1.6-2.0-4-CL-HP	STERILE BIOFLEX INTERNALLY THREADED DERMAL ANCHOR WITH TITANIUM JEWELLED DISC	LOT-0316	CR		2
28	Z-XINDATJD-1.6-2.0-5-CL-HP	STERILE BIOFLEX INTERNALLY THREADED DERMAL ANCHOR WITH TITANIUM JEWELLED DISC	LOT-0316	CR		2
		TOTAL				1351