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TEST REPORT

CUSTOMER : Salamander Jewelry Co.,Ltd.

M/C : SHINVA

Document No. : TR-EO-001070520

MODEL : XG 1 SERIES

Date : 7/5/2020

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2302340

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

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SAMPLE SLIP PARAMETER

EXHAUST:04H 00MIN	TOTAL :11H 53MIN
PRETT :00H 48MIN	STERI :07H 00MIN
ACTUAL TIME	
=====	
05:59:14	STERILIZATION SUCCESS
END 05:59:03	058,20 -003kPa
05:59:03	058,20 -003kPa
02:00:09	057,70 -015kPa
01:54:33	057,90 -021kPa
EXHAUST 01:54:03	057,80 -026kPa
01:44:33	057,80 -027kPa
01:34:33	057,80 -027kPa
01:24:33	057,80 -027kPa
01:14:33	057,80 -027kPa
01:04:33	057,80 -027kPa
00:54:33	057,90 -027kPa
00:44:33	057,90 -027kPa
00:34:33	057,90 -027kPa
00:24:33	057,90 -027kPa
00:14:33	058,00 -027kPa
00:04:33	057,90 -027kPa
23:54:33	057,90 -027kPa
23:44:33	057,90 -027kPa
23:34:33	057,90 -027kPa
23:24:33	057,90 -027kPa
23:14:33	058,00 -027kPa
23:04:33	058,00 -027kPa
22:54:33	057,90 -028kPa
22:44:33	058,00 -027kPa
22:34:33	058,00 -027kPa
22:24:33	058,00 -027kPa
22:14:33	058,00 -028kPa
22:04:33	058,00 -028kPa

21:54:33	057,90 -027kPa
21:44:33	057,90 -027kPa
21:34:33	057,90 -027kPa
21:24:33	057,90 -027kPa
21:14:33	057,80 -027kPa
21:04:33	057,80 -027kPa
20:54:33	057,70 -027kPa
20:44:33	057,70 -027kPa
20:34:33	057,60 -027kPa
20:24:33	057,50 -028kPa
20:14:33	057,40 -027kPa
20:04:33	057,30 -027kPa
19:54:33	057,20 -027kPa
19:44:33	057,10 -027kPa
19:34:33	057,00 -027kPa
19:24:33	056,90 -027kPa
19:14:33	056,70 078kPa
19:04:33	056,50 219kPa
18:54:33	056,50 311kPa
STERI 18:54:09	056,50 311kPa
ADD ED 18:51:06	056,50 -089kPa
18:44:33	056,60 -003kPa
HUNTOI 18:40:49	056,70 -087kPa
PRETT 18:34:33	056,80 -002kPa
PREHEAT 18:05:45	056,80 -015kPa
STATE	TIME TEMP PRE
=====	
RUN COUNT : 2970	
EO PRE	:06kPa VENT TIME:04H 00M
STERI TEMP	:058,00 STERI TIME:07H 00M
PRO TYP	18:05:45 056,80 -015kPa
START TIME	: 2020-05-06 18:05:38

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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
Z-TBC-1.2-10.0-4-HP	STERILE TITANIUM BALL CLOSURE RING		LOT-0189	10	6 May 20
Z-TBC-1.6-12.0-5-HP	STERILE TITANIUM BALL CLOSURE RING			10	
Z-TBL-1.6-14.0-5-HP	STERILE TITANIUM BARBELL			10	
Z-TBL-1.6-19.0-5-HP	STERILE TITANIUM BARBELL			12	
Z-TBNDJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA			10	
Z-TBNDJ-1.6-8.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA			20	
Z-TBL-1.6-16.0-5-HP	STERILE TITANIUM BARBELL			10	
Z-TBL-1.6-20.0-5-HP	STERILE TITANIUM BARBELL			10	
Z-PSTC-CRE	STERILE DISPOSAL SLOTTED ROUND CLAMPS			492	
TDI-Z-TLB-1.6-8.0-4	STERILE TITANIUM LABRET FOR TDI			200	
QL-Z-SERV	STERLIZATION SERVICE FOR QUILLIAN			424	

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