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TEST REPORT

CUSTOMER : Salamander Jewelry Co.,ltd.

M/C : SHINVA

Document No. : TR-EO-006290121

MODEL : XG 1 SERIES

Date : 29/1/2021

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2334015

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 ODMIN	TOTAL :11H 56MIN
PRETT :00H 56MIN	STERI :07H 00MIN
ACTUAL TIME	
05:23:17 STERILIZATION SUCCESS	
END 05:23:06	060,60 002kPa
05:23:06	060,60 002kPa
01:24:04	061,50 -015kPa
EXHAUST 01:22:06	061,60 002kPa
01:15:36	061,60 002kPa
01:05:36	061,60 002kPa
00:55:36	061,70 002kPa
00:45:36	061,70 002kPa
00:35:36	061,80 002kPa
00:25:36	061,80 002kPa
00:15:36	061,80 002kPa
00:05:36	061,90 002kPa
23:55:36	061,90 002kPa
23:45:36	061,90 002kPa
23:35:36	062,00 002kPa
23:25:36	062,10 002kPa
23:15:36	062,20 002kPa
23:05:36	062,20 002kPa
22:55:36	062,30 002kPa
22:45:36	062,30 002kPa
22:35:36	062,40 002kPa
22:25:36	062,60 002kPa
22:15:36	062,70 002kPa
22:05:36	062,90 002kPa
21:55:36	063,10 002kPa
21:45:36	063,20 002kPa
21:35:36	063,30 002kPa
21:25:36	063,80 002kPa
21:15:36	064,00 002kPa

21:05:36	064,30 002kPa
20:55:36	064,60 002kPa
20:45:36	064,90 002kPa
20:35:36	065,20 002kPa
20:25:36	065,40 002kPa
20:15:36	065,60 002kPa
20:05:36	065,70 002kPa
19:55:36	066,00 002kPa
19:45:36	066,10 002kPa
19:35:36	066,30 002kPa
19:25:36	066,40 002kPa
19:15:36	066,50 004kPa
19:05:36	066,60 030kPa
18:55:36	066,70 047kPa
18:45:36	066,90 076kPa
18:35:36	066,90 184kPa
18:25:36	066,80 304kPa
STERI 18:22:12	066,80 225kPa
18:15:36	067,40 -014kPa
ADD EO 18:09:11	067,80 -086kPa
18:05:36	068,00 002kPa
HUMID1 17:59:08	068,10 -086kPa
PRETT 17:55:36	068,20 002kPa
PREHEAT 17:27:08	067,90 002kPa
STATE TIME TEMP PRE	
RUN COUNT : 0353	
EO PRE :060kPa VENT TIME:04H 00M	
STERI TEMP: 065,00 STERI TIME:07H 00M	
PRO TIP 17:27:08 067,90 002kPa	
START TIME: 2021-01-28 17:27:01	

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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
THD-Z-BKBC-1.2-12.0-4	STERILE BLACK PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO			200	
THD-Z-BKBC-1.0-8.0-3	STERILE BLACK PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO		LOT-0220	200	28 Jan 21
Z-PSSP-CRE	STERILE DISPOSAL SLOTTED PENNINGTONS			450	

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