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TEST REPORT

CUSTOMER : Salamander Jewelry Co.,Ltd.

M/C : SHINVA

Document No. : TR-EO-003150121

MODEL : XG 1 SERIES

Date : 15/1/2021

SERIAL No. : 070997

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PRODUCT : ORDER NO. 2331754

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 48MIN			
PRETT :00H 47MIN STERI :07H 00MIN			
ACTUAL TIME			
05:11:47 STEILIZATION SUCCESS			
END	05:11:36	059,50	002kPa
	05:11:36	059,50	002kPa
	01:12:23	059,50	-015kPa
	01:12:05	059,50	001kPa
EXHAUST	01:10:35	059,60	003kPa
	01:02:05	059,70	003kPa
	00:52:05	059,90	003kPa
	00:42:05	059,90	003kPa
	00:32:05	060,10	003kPa
	00:22:05	060,20	003kPa
	00:12:05	060,30	003kPa
	00:02:05	060,50	003kPa
	23:52:05	060,60	003kPa
	23:42:05	060,80	003kPa
	23:32:05	060,90	003kPa
	23:22:05	061,10	003kPa
	23:12:05	061,30	003kPa
	23:02:05	061,50	003kPa
	22:52:05	061,60	003kPa
	22:42:05	061,80	004kPa
	22:32:05	062,00	004kPa
	22:22:05	062,10	004kPa
	22:12:05	062,30	004kPa
	22:02:05	062,40	004kPa
	21:52:05	062,50	004kPa
	21:42:05	062,60	004kPa
	21:32:05	062,90	004kPa
	21:22:05	063,20	004kPa

	21:12:05	063,30	004kPa
	21:02:05	063,40	004kPa
	20:52:05	063,60	004kPa
	20:42:05	063,80	004kPa
	20:32:05	063,90	005kPa
	20:22:05	064,20	005kPa
	20:12:05	064,30	005kPa
	20:02:05	064,50	005kPa
	19:52:05	064,60	005kPa
	19:42:05	064,80	005kPa
	19:32:05	065,00	005kPa
	19:22:05	065,00	005kPa
	19:12:05	065,20	006kPa
	19:02:05	065,30	025kPa
	18:52:05	065,40	034kPa
	18:42:05	065,40	043kPa
	18:32:05	065,60	060kPa
	18:22:05	065,70	241kPa
	18:12:05	065,80	311kPa
STERI	18:10:52	065,90	294kPa
ADD ED	18:05:57	066,20	-089kPa
	18:02:05	066,50	001kPa
HUMIDI	17:55:35	066,60	-089kPa
PRETT	17:52:05	066,70	002kPa
PREHEAT	17:23:20	066,60	002kPa
STATE	TIME	TEMP	PPE
RUN COUNT : 0331			
EO PRE :060kPa VENT TIME:04H 00M			
STERI TEMP: 065,00 STERI TIME:07H 00M			
PRO TYP 17:23:20 066,60 002kPa			
START TIME: 2021-01-14 17:23:13			

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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
QL-Z-BKMLB-1.2-8.0-3	STERILE BLACK PVD SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD			50	
QL-Z-BL-1.6-34.0-4	STERILE SURGICAL STEEL BARBELL FOR QUILLIAN			50	
QL-Z-BN-1.6-12.0-5	STERILE SURGICAL STEEL BARBELL FOR QUILLIAN			100	
QL-Z-FBC-1.0-9.0-3	STERILE SURGICAL STEEL FIXED BEAD RING FOR QUILLIAN NO CARD			100	
QL-Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE FOR QUILLIAN			400	
QL-Z-JB-1.6-5-CR	STERILE SURGICAL STEEL SWAROVSKI CRYSTAL JEWELLED BALL FOR QUILLIAN NO CARD			40	
QL-Z-MBN-1.2-10.0-2.5	STERILE SURGICAL STEEL MICRO CURVED BARBELL FOR QUILLIAN NO CARD			50	
QL-Z-MLB-1.2-8.0-2.5/3B	STERILE SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD		LOT-0217	50	14 Jan 21
QL-Z-SES2-4-CR	STERILE SURGICAL STEEL HEART PRONG SET JEWELLED EAR STUDS PAIR FOR QUILLIAN NO CARD			20	
QL-Z-SES4-3-CR	STERILE SURGICAL STEEL STAR PRONG SET JEWELLED EAR STUDS PAIR FOR QUILLIAN NO CARD			30	
QL-Z-SES4-4-CR	STERILE SURGICAL STEEL STAR PRONG SET JEWELLED EAR STUDS PAIR FOR QUILLIAN NO CARD			30	
QL-Z-SES5-4-CR	STERILE SURGICAL STEEL FLOWER PRONG SET JEWELLED EAR STUDS PAIR FOR QUILLIAN NO CARD			20	
QL-Z-UPLST-10.0-15.0	STERILE POLYMER STOPPER FOR PIERCING FOR QUILLIAN NO CARD			600	
QL-Z-PRTA-6.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE FOR QUILLIAN NO CARD			400	
QL-Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE FOR QUILLIAN NO CARD			200	
QL-Z-PFINJB-1.0-8.0-3-CR	STERILE SURGICAL STEEL JEWELLED THREADLESS LABRET			4	
TDI-Z-ONR-0.8-6.0-1.7	STERILE SURGICAL STEEL OPEN NOSE RING FOR TDI			50	
Z-PNV-CRE	STERILE DISPOSAL ROUND CLAMPS			200	
Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE			7040	
Z-GSNEEDLES-1.6-48.0	STERILIZED STAINLESS STEEL NEEDLE			1493	

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