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EO STERILIZATION Quality Control Report

Date : 29-MAR-2024

LOT : 0938

STERILIZATION DATE : 23-MAR-2024

EXPIRE DATE : 23-MAR-2029

QC REPORT :

PASS as the test result has been shown as pictures below.

BIOLOGICAL INDICATORS :

The EZTest indicator is placed in a suitable test pack which is representative of the load. The load is then processed as usual.

After sterilization the chemical indicator ring on the label changes from blue to brownish when exposed to Ethylene Oxide (EO gas). This distinguishes exposed from unexposed units (it does not indicate acceptable sterilization).

After the incubation period of 48 hours, the appearance of a yellow color indicates bacterial growth. No color change indicates adequate sterilization.

Result
PASS



Sample Fail



Yellow

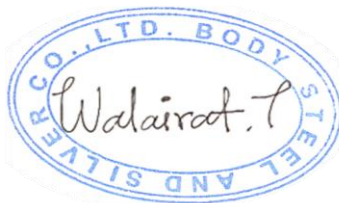
Sample New Indicator



Pink

Quality Assurance By:

Date: 29-MAR-2024



LOT 938				Sterilization Cycle Log			
Material: 100% autoclave medical grade				Ethylene oxide sterilization			
Sterilization: 50 °C				Sterilization: 50 °C			
Sterilization: 55 °C				Sterilization: 55 °C			
Sterilization: 60 °C				Sterilization: 60 °C			
Clean time: 5 min				Clean time: 5 min			
Clean time: 15 min				Clean time: 15 min			
T °C	P kPa	H %	time	T °C	P kPa	H %	time
Start: 23.8	-0.3	97.9	15:29	Start: 23.8	-0.3	97.9	15:29
Water: 23.8	-0.3	74.2	15:30	Water: 23.8	-0.3	74.2	15:30
Vacuum: 23.8	-5.2	74.6	15:30	Vacuum: 23.8	-5.2	74.6	15:30
Preheat: 35.0	-2.9	74.5	15:45	Preheat: 35.0	-2.9	74.5	15:45
Heat: 35.4	-1.9	74.7	15:55	Heat: 35.4	-1.9	74.7	15:55
Vacuum: 34.5	-60.1	74.5	16:00	Vacuum: 34.5	-60.1	74.5	16:00
Keep: 30.3	-59.0	74.7	16:08	Keep: 30.3	-59.0	74.7	16:08
Info: 38.9	-4.9	74.5	16:11	Info: 38.9	-4.9	74.5	16:11
Humid: 29.3	-80.0	74.2	16:16	Humid: 29.3	-80.0	74.2	16:16
KJm: 37.6	-57.7	74.0	16:46	KJm: 37.6	-57.7	74.0	16:46
Dosi: 37.0	-57.9	74.3	16:55	Dosi: 37.0	-57.9	74.3	16:55
Rst: 37.3	-50.4	74.3	17:05	Rst: 37.3	-50.4	74.3	17:05
Diffu: 38.5	-24.5	74.3	17:32	Diffu: 38.5	-24.5	74.3	17:32
Heat: 50.1	-17.1	74.4	17:32	Heat: 50.1	-17.1	74.4	17:32
Steril: 50.0	-17.1	74.6	17:32	Steril: 50.0	-17.1	74.6	17:32
Steril: 50.1	-14.5	74.0	17:42	Steril: 50.1	-14.5	74.0	17:42
Steril: 50.7	-12.0	74.0	17:52	Steril: 50.7	-12.0	74.0	17:52
Steril: 50.3	-9.6	74.4	18:02	Steril: 50.3	-9.6	74.4	18:02
Steril: 50.4	-8.0	74.4	18:12	Steril: 50.4	-8.0	74.4	18:12
Steril: 50.2	-7.3	74.0	18:22	Steril: 50.2	-7.3	74.0	18:22
Steril: 50.2	-6.8	74.4	18:32	Steril: 50.2	-6.8	74.4	18:32
Steril: 50.3	-6.2	74.8	18:42	Steril: 50.3	-6.2	74.8	18:42
Steril: 50.1	-5.6	74.0	18:52	Steril: 50.1	-5.6	74.0	18:52
Steril: 50.2	-4.9	74.6	19:02	Steril: 50.2	-4.9	74.6	19:02
Steril: 50.3	-4.3	74.4	19:12	Steril: 50.3	-4.3	74.4	19:12
Steril: 50.1	-3.6	74.2	19:22	Steril: 50.1	-3.6	74.2	19:22
Steril: 50.0	-2.9	74.4	19:32	Steril: 50.0	-2.9	74.4	19:32
Steril: 50.1	-2.3	74.0	19:42	Steril: 50.1	-2.3	74.0	19:42
Steril: 50.3	-1.8	74.2	19:52	Steril: 50.3	-1.8	74.2	19:52
Steril: 50.4	-1.4	74.2	20:02	Steril: 50.4	-1.4	74.2	20:02
Steril: 50.3	-0.8	74.4	20:12	Steril: 50.3	-0.8	74.4	20:12
Steril: 50.2	-0.6	74.8	20:22	Steril: 50.2	-0.6	74.8	20:22
Steril: 50.2	-0.5	74.8	20:42	Steril: 50.2	-0.5	74.8	20:42
Steril: 50.2	-0.4	74.0	20:52	Steril: 50.2	-0.4	74.0	20:52
Steril: 50.0	-0.3	74.6	21:02	Steril: 50.0	-0.3	74.6	21:02
Steril: 50.2	-0.3	74.2	21:12	Steril: 50.2	-0.3	74.2	21:12
Steril: 50.2	-0.3	74.6	21:22	Steril: 50.2	-0.3	74.6	21:22
Steril: 50.4	-0.3	74.2	21:32	Steril: 50.4	-0.3	74.2	21:32
Steril: 50.2	-0.3	74.4	21:42	Steril: 50.2	-0.3	74.4	21:42
Steril: 50.1	-0.3	74.6	21:52	Steril: 50.1	-0.3	74.6	21:52
Steril: 50.3	-0.3	74.6	22:02	Steril: 50.3	-0.3	74.6	22:02
Steril: 50.3	-0.3	74.6	22:12	Steril: 50.3	-0.3	74.6	22:12
Steril: 50.3	-0.3	74.6	22:22	Steril: 50.3	-0.3	74.6	22:22
Steril: 50.3	-0.3	74.6	22:32	Steril: 50.3	-0.3	74.6	22:32
Steril: 50.4	-0.3	74.6	22:42	Steril: 50.4	-0.3	74.6	22:42
Steril: 50.3	-0.3	74.0	22:52	Steril: 50.3	-0.3	74.0	22:52
Steril: 50.3	-0.3	74.8	23:02	Steril: 50.3	-0.3	74.8	23:02
Steril: 50.1	-0.4	74.6	23:12	Steril: 50.1	-0.4	74.6	23:12
Steril: 50.1	-0.4	74.6	23:22	Steril: 50.1	-0.4	74.6	23:22
Steril: 50.1	-0.4	74.6	23:32	Steril: 50.1	-0.4	74.6	23:32
Steril: 50.1	-0.4	74.6	23:42	Steril: 50.1	-0.4	74.6	23:42
Steril: 50.1	-0.4	74.6	23:52	Steril: 50.1	-0.4	74.6	23:52
Clean Process:				Clean Process:			
1st: 51.1	-17.3	74.6	00:05	1st: 51.1	-17.3	74.6	00:05
2nd: 50.8	-17.3	74.6	00:08	2nd: 50.8	-17.3	74.6	00:08
3rd: 50.8	-17.0	74.8	01:08	3rd: 50.8	-17.0	74.8	01:08
4th: 50.8	-17.0	74.8	01:18	4th: 50.8	-17.0	74.8	01:18
5th: 50.8	-17.0	74.8	02:11	5th: 50.8	-17.0	74.8	02:11
Total: 50.7	-10.0	74.1	02:11	Total: 50.7	-10.0	74.1	02:11
Sterilization Cycle Log				Sterilization Cycle Log			
Date: 2024/3/29				Date: 2024/3/29			
Operator: Walairat.T				Operator: Walairat.T			

Protocol: