	ALTH AND HUMAN SERVICE BUG ADMINISTRATION	s	
DISTRICT OFFICE ADDRESS AND PHONE NUMBER		DATE(S) OF INSPECTION	
Food and Drug Administration 10903 New Hampshire Avenue Bldg. 51, Room 4225		June 13-17, 2016	
Silver Spring, MD 20993 Phone: 1-301-796-3206		FEI NUMBER	
Industry Information: www fda.gov/oc/industry		3002806840	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED			
TO: Homare Tachiyanagi, General Manager			
FIRM NAME	STREET ADDRESS		
Sekisui Medical Co., Ltd.	4-115, Matsuo		
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT I	NSPECTED	
Iwate 028-7305 Japan	API Manufacturer		
THIS DOCUMENT LISTS OBSERVATIONS MADE BY THE FDA REPRESENTA OBSERVATIONS; AND DO NOT REPRESENT A FINAL AGENCY DETERMINATION OBSERVATION, OR HAVE IMPLEMENTED, OR PLAN TO IMPLEMENT CORFOBJECTION OR ACTION WITH THE FDA REPRESENTATIVE(S) DURING THE YOU HAVE ANY QUESTIONS, PLEASE CONTACT FDA AT THE PHONE NUMBER	ON REGARDING YOUR COMPLI RECTIVE ACTION IN RESPONS INSPECTION OR SUBMIT THIS I	ANCE. IF YOU HAVE AN OBJ E TO AN OBSERVATION, Y	JECTION REGARDING AN YOU MAY DISCUSS THE
DURING AN INSPECTION OF YOUR FIRM (I) (WE) OBSERVED:			
OBSERVATION #1			
Failure to maintain and review all raw data.			
1. Until 06 June 2016, procedures did not require that a maintained. Analysts deleted or did not submit test dat oversight. Review of electronic files from the HPLC a or unreported chromatograms. Deleted files were also Examples of deleted or unused chromatograms include a. The computer for GC-4 and GC-6 had deleted indivisequences with associated chromatograms in the "Recylot of the computer of	ta that would not be rend GC computers four observed on the IR-3 and the idea of the idea	ported. This was do not the presence of his system. les and deleted folde a for testing of to testing of test	one without undreds of deleted ers containing etions from 09-10
same lots was repeated on 11 September 2015 and the	data was used to repor	t results.	
b. (b) (4) testing of batch (b) (4) was started on 2 showed a differing peak appearance. The test was repeabnormal peak appearance. Testing was repeated a third 15 with conforming results. Only the data from the third peak appearance.	rd time on 03 March 2	ch 2014, which show	ved additional
c. In sequences 160309 and 160115 on HPLC 16, indivinew chromatograms with the same name as the original	_	were deleted and the	en replaced with
2. No raw data could be provided to support the recove	ery method of the clear	ning validation samp	oling method for
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	achiyanagi, General Manager	1			
FIRM NAME	lo- til	STREET ADDRESS			
Sekisui Medica		4-115, Matsuo	NSDECTED		
Iwate 028-7305		TYPE OF ESTABLISHMENT INSPECTED API Manufacturer			
-	raw data relating to sample preparation tired for the microbial testing and endotoxing		· ·	71.3	
data. 1. Electronic This instrume the US marke external drive up process we 2. The data be associated wi	GC chromatography data from GC-7, color was used for release testing of the stand-alone computers associated by but could not be restored at the time of could work prior to disposing of the computers associated to the time of could work prior to disposing of the computer ack-up process for the standalone HPLC the the analysis. During the inspection the could trail information could not be retrievaled.	llected prior to March 2 and (b) (4) with the GC were disc the inspection. No test uters that contained the and GC systems does not estand-alone computer	2016, was not availa arded. Data was ba is were conducted to source raw data.	ble for review. , products for cked-up onto an verify the back-	
3. Electronic (b) (4) GCs. T	chromatography data is stored on stand-a here are no controls to prevent deletion of from the source data on the hard drive of	nlone systems for seven			
are not protec	copy chromatograms are reviewed. The eted. This software is used for five of the chromatograms prior to printing.				
analysis perfo	grams were reviewed that had no correspondent on 03 March 2014 for (b) (4) but there are no entries in the audit trail b	lot (b) (4) for HPLC 15	. The chromatogram	ms are dated 03	
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DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT OFFICE ADDRESS AND PHONE NUMBER DATE(S) OF INSPECTION June 13-17, 2016 Food and Drug Administration 10903 New Hampshire Avenue Bldg. 51, Room 4225 FEI NUMBER Silver Spring, MD 20993 Phone: 1-301-796-3206 3002806840 Industry Information: www fda.gov/oc/industry NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED TO: Homare Tachiyanagi, General Manager FIRM NAME STREET ADDRESS Sekisui Medical Co., Ltd. 4-115, Matsuo CITY, STATE AND ZIP CODE TYPE OF ESTABLISHMENT INSPECTED Iwate 028-7305 Japan API Manufacturer 6. Audit trail reviews are limited to only checking the audit trail against the written instrument log. 7. Toximaster software is used to collect data for endotoxin testing of finished API samples. The software does not require username/passwords, there are no audit trails, and electronic data can be deleted. 8. Electronic data for FTIR IR-3 was stored on the hard drive of the associated computer. There were no controls to prevent deletion of data and deleted FTIR data was observed in the computer "Recycle Bin". This system that was used until 19 February 2016 and lacked username/passwords and audit trails. 9. The TOC used for testing water conductivity has an audit trail that is archived by the software (b) (4) and then cleared. The laboratory personnel are unable to access the archived audit trail data. During the inspection no audit trail entries prior to 06 June 2016 could be reviewed. 10. Passwords used to access analytical software are assigned by a manager that also knows the analyst's password. OBSERVATION #3 Failure to design and monitor the water system to ensure it is suitable for its intended use. Non-sterile APIs manufactured in Plant (b) and (c) are intended to be used in the preparation of sterile finished dosage products for the US market. 1. Dead leg sections of piping, where water remains stagnant for extended periods of time, were observed in the water distribution system. a. Below the (4) tank VE-320 in Plant (b) there is a dead leg section of piping at least (b) (4) meters in length. The piping is used to deliver (b) (4) water (4) (b) (4) tank RE-301, used for (b) (4) manufacturing. b. Inside of the Plant cleanroom, there is a dead leg section of piping approximately (b) inches in length in the water distribution system to deliver (b) (4) water to the (b) (4) -301. This section of piping never gets EMPLOYEE(S) SIGNATURE EMPLOYEE(S) NAME AND TITLE (Print or Type) DATE ISSUED SEE REVERSE Justin A. Boyd, Investigator OF THIS 06/17/2016

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Sekisui Medica	l Co., Ltd.	4-115, Matsuo		
CITY, STATE AND Z	IP CODE	TYPE OF ESTABLISHMENT INSPECTED		
Iwate 028-7305	Japan	API Manufacturer		
monitoring sampling plan	n process or for cleaning equipment. Pla ampling plan. There are (4) use points in	nt (a) has (b) use points, l Plant (b), but only (b) are in	out only be are inclunctuded in the water	ded in the water
for the ^{(b) (d)} all of the use production.	points in the clean room that supply water of the water system has never included in	oom, at the (b) (4) (b) (c) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e	-301 inside of the at in the (b) (4) steps	e clean room, or at of the API
	t C water system, a leak was obsater system there was standing water on 1 sent on 17 June 2016.			_
5. In the Plan (b) (4) pump. A leal (b) (4)	water system, leaks were obsulation to the holding tank and from the pipe was also observed from a valve in the unit to the holding tank and so was also observed from a valve in the unit to the holding tank and from the holding tank and tank and from the holding tank and tan	e taking water from the	holding tank to the	_
always have	ter sampling, samples are taken directly flexible hoses, up to meters in length, ce hoses affect the quality of the v		ata has been collec	
7. Permanent which are use	piping supplying (b) (4) water from the ed for (b) (4) , are never sanitized.	e loop to the (b) (4)	ta	anks in Plant (b),
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	nagi, General Manager	OTDEET ADDRESS			
FIRM NAME		STREET ADDRESS			
Sekisui Medical Co.,		4-115, Matsuo	VAREATER		
CITY, STATE AND ZIP COD		TYPE OF ESTABLISHMENT II	NSPECTED		
Iwate 028-7305 Japan	1	API Manufacturer			
	ater system is not monitored for objective oply line inside of the clean room was		ıg.		
OBSERVATION	#4				
	leaning procedures are effective.				
The equipment is used to manufacture (b)(4) for the US market, which is a non-sterile API used for the preparation of sterile finished drug products. The cleaning process includes rinsing with purified water, but no sanitization steps. 2. Maximum campaign lengths for (b)(4) have not been established.					
OBSERVATION	#5				
Equipment is not a	naintained and cleaned.				
1. (b) (4) sheeting is taped to the (b) (4) of tanks in the clean room of Plant (b) to protect them from rusting. The is left in place during production campaigns. On 14 June 2016 this sheeting was observed to hold stagnant water that was (b) (4) in color and had suspended solids in it (b) (4) to protect them from rusting. The sheeting was observed to hold tank RE-4002. 2. Tape was put over the (b) (4) water lines in the Plant (b) (clean room to protect the piping from product powder.					
Deposits of what was identified to be product was observed under this tape on 14 June 2016.					
3. Tape is used throughout the clean rooms to make repairs or protect equipment.					
4. (b) (4) applied to	equipment and surfaces in the clea	n room is not smooth a	nd cleanable.		
5. The floor was not adequately sealed under the recovered receiving tank RE-303 in the Plant clean room. Pieces of the floor were chipping off and could be observed at a floor drain on 14 June 2016.					
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	achiyanagi, General Manager			
FIRM NAME	uota, uangi, cottoria transingia	STREET ADDRESS		
Sekisui Medica	l Co., Ltd.	4-115, Matsuo		
CITY, STATE AND Z	ZIP CODE	TYPE OF ESTABLISHMENT II	NSPECTED	
Iwate 028-7305	Japan	API Manufacturer		
6. The (b) (4)	-4002 in the clean room of Plant	had rust stains.		
OBSERVAT				
Process valid	ation has not demonstrated the process is	in a state of control.		
2. (b) (4) pro 3. Actions are acceptable yill are not identif	dies have not included statistically sound a during process validation batches. Decess reviews lack complete trending of complete tren	eritical testing results an	d process monitorin	pecifically,
OBSERVAT Failure to est	ION #7 ablish scientifically sound and appropriat	re test procedures.		
indicating. F	or example, (b) (4) , (b) (4) , (b) (4) tudies have been conducted.	PIs for the US market l , and (b) (4)		n to be stability To forced
Total aerol validated.	pic count and yeast and mold test perform	ned on the finished API	s for the US market	have not been
	regration is commonly used by analysts podescribe when manual integration is per	_		
4. Only hard copy chromatograms are printed for review. The printed chromatograms do not allow for adequate				
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