	DEPARTMENT OF HEAL			ES	
FOOD AND DRUG ADMINISTRATED DISTRICT ADDRESS AND PHONE NUMBER		ADMINISTRATI	ION DATE(S) OF INSPECTION		
12420 Parklawn Drive, Room 2032		4	3/18/2024-3/27/2024*		
Rockville, MI	20857		300762	1329	
			300702		
NAME AND TITLE OF INDIVIDUA	L TO WHOM REPORT ISSUED		!		
Prashant Shar	rma, Chief Technical Officer				
FIRM NAME	AS ASSOCIATED NO. 100 MARKET NO. 100 MA		W 54964	E394 VGG NGG 4594	9000
				rmez Special Ec	onomic
CITY, STATE, ZIP CODE, COUN	TRY	Zone; Sa		avla N H No	
	cat, 382213 India		erile Drug Manufacturer		
nacoda, oajai	ac, 302213 india	iramair be	CITIC D	rag manaracture	,
This document lists of	bservations made by the FDA representative(s)	during the inst	pection of vo	ur facility. They are inst	pectional
	not represent a final Agency determination rega				
	implemented, or plan to implement, corrective a				
	representative(s) during the inspection or submi		ion to FDA a	t the address above. If y	ou have any
questions, please con	tact FDA at the phone number and address above	/e.			
	TION OF YOUR FIRM WE OBSERVED:				
OBSERVATIO	ON 1				
Aseptic process	ing areas are deficient regarding the	system for	monitori	ng environmental	conditions.
Specifically,					
1					
A From Mov. 2	2023 until December 2023, your firm	n manufact	urad and	distributed human	dena products
The same of the sa					The state of the s
	be sterile when your environmental	100			
Appendix on a resembly of equal for a section	e of control. During this time period	A CONTRACTOR OF THE PARTY OF TH			
	excursions for bacterial and fungal r				
for aseptic f	illing line (b) to include critical asept	ic filling are	eas, equip	ment, and person	iel. Your
firm's action	ns in response to the environmental	monitoring	excursion	ns are inadequate a	as noted
below:	Å			•	
arros As					
• Vour fir	m documented moisture and microb	ial aantami	noted		(b) (4)
THE PROPERTY OF STREET				T 1 2022 :	100
	mental monitoring plates received fr	om your su			
West State of the second	ation IMDD-EM/23/010 (media lot		Despite	the documented of	
of the m	edia plates themselves, your firm at	tributed mu	iltiple act	ion level environm	iental
monitoring excursions for the line (4) aseptic manufacturing area and the plate contamination to a					
contaminated incubator and continued using plates from the same supplier until					
December 2023. In December 2023, your firm again documented media lots not meeting					
your acceptance criteria (b)(4) media lots (b)(4) The potentially					
· · · · · · · · · · · · · · · · · · ·					
AMENDMENT 1					
MAINING INTERVIOLET I					
	EMPLOYEE(S) SIGNATURE				DATE ISSUED
SEE REVERSE	Sean R Marcsisin, Investigat	or			3/27/2024
OF THIS PAGE	Lori M Newman, Investigator			Lori M Newman Investigator	

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION					
	RICT ADDRESS AND PHONE NUMBER		DATE(S) OF INSPECTION		
	20 Parklawn Drive, Room 2032 kville, MD 20857		L8/2024-3/27/2024*		
ROCKVIIIE, III	20037	300	07621329		
NAME AND TITLE OF INDIVIDU	AL TO WHOM REPORT ISSUED	<u>.</u>			
Prashant Sha	rma, Chief Technical Officer				
FIRM NAME	f	STREET ADDRESS	Di	(9)	
Zydus Lilesc.	iences Limited		Pharmez Special Ec ej-Bavla N H No	COHOMIC	
CITY, STATE, ZIP CODE, COUN		TYPE ESTABLISHMENT INSPE	ECTED		
Matoda, Guja	rat, 382213 India	Human Steril	le Drug Manufacture	er	
111. Sy	(b) (4)		(b) (4)		
contami	nated plates from media lots		were utiliz	ed in aseptic	
processi	ng areas (line during drug produc			TIC 1	
Injection	m (4) mg/ml lot (media lot	whic	ch was shipped for the	US market on	
***				•	
	m's retrospective evaluation of med				
	ed for laboratory investigation LIN-				
	er 2023) for a failed negative contr	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c			
	ing, is inadequate as a media lot wit				
	d and documented as compliant. Fo	1		locumented as	
The second secon	nt in the retrospective evaluation co				
	al contamination (bacterial and fung	•	lot was documented 5	months earlier	
ın excur	sion investigation IMDD-EM/23/01	0.			
B. Your firm's	airflow visualization studies (smok	e studies) are ina	adequate for asentic fil	ling line (b) as	
25	ufficient smoke to demonstrate unid	Commence of the Commence of th			
	nique as exampled below:		ii did die) dellicitation	· madequate	
diseptic teen	anque us examples selevi.				
• Insuffici	ent smoke was noted in the 2021 sn	aolto etudioe vid	loos to include:		
• Insume	tent smoke was noted in the 2021 sh	loke studies vid	leds to include.		
- Shoo	ot 10: During unloading of sterile ite	ems from the	LAF to the RAF	S, insufficient	
			ectional non-turbulent	airflow (for	
example during transfer of (b)(4) from 16:27:32-16:27:43, camera (b)(4)					
- Shoot 35: During (b)(4) assembly, no smoke is observed over the operator's hands as					
critical operations are performed (for example from 10:46:53 to 10:47:11, camera (b) (4)					
halder to the most than the control of the command of the control					
AMENDMENT 1					
A TANIERS IN LINE I					
	EMPLOYEE(S) SIGNATURE			DATE ISSUED	
SEE REVERSE	Sean R Marcsisin, Investigat	cor	1201	3/27/2024	
OF THIS PAGE	Lori M Newman, Investigator		Loff M Newman Investigator Signed By: 2003217756 Date Stoned: 03-27-2024		
			X 05:18:53		
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	PECTIONAL OBSER	RVATIONS	PAGE 2 of 6 PAGES	

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION					
DISTRICT ADDRESS AND PHO	NE NUMBER Wn Drive, Room 2032	DATE(S) OF 3/18/	024-3/27/2024*		
	kville, MD 20857		21329		
		N 400 878 M 401			
NAME AND TITLE OF INDIVIDU		1.			
Prashant Shar	rma, Chief Technical Officer	STREET ADDRESS			
Zydus Lifesc:	iences Limited	Plot la, 8a Pharmez Special Economic Zone; Sarkhej-Bavla N H No			
AND STATE OF STREET STREET, ST	rat, 382213 India	TYPE ESTABLISHMENT INSPECTED Human Sterile Drug Manufacturer			
- Shoot 36: During aseptic connection of fill tubing from the inadequate smoke is observed near the critical area where the fill tubing is aseptically connected to the inadequate Aseptic Technique - In shoot 35-camera in the fill tubing and in the filling and in the filling and in the filling and sasembly again at 10:47:11 to 10:47:50 and assembly again at 10:49:43 to 10:50:00. Procedure 0318-SOP-MFG-00028 "Operation of Vial Filling and Stoppering Machine" states in item 6.7.33, "During in the filling and stoppering machine." The operator's practices in the smoke study are inconsistent with the instructions in the procedure. Installation of the inadequately designed as it requires the operator to reach over the fill line causing the operator's gowning to contact the line in multiple areas.					
OBSERVATION Procedures designare not written a	gned to prevent microbiological cor	ntamination of drug	products purporting	ng to be sterile	
Specifically,					
A. On 3/21/2024, we inspected the aseptic filling line room and observed operators loading the for load pattern 45 in preparation for the manufacture of placed on the operators room and observed operators room and observed operators room and observed operators room and observed operators are to be placed on the operators room and observed					
AMENDMENT 1					
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE Sean R Marcsisin, Investigat Lori M Newman, Investigator	cor	Lod M Newman Investigation Signed by: 2003217756 Date Digner: 03-27-2024 05:18:53	DATE ISSUED 3/27/2024	
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	PECTIONAL OBSERVA	ITIONS	PAGE 3 of 6 PAGES	

	TH AND HUMAN SERVICES GADMINISTRATION				
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032	DATE(S) OF INSPECTION 3/18/2024-3/27/2024*				
Rockville, MD 20857	FEI NUMBER 3007621329				
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED					
Prashant Sharma, Chief Technical Officer	STREET ADDRESS				
Zydus Lifesciences Limited	Plot la, 8a Pharmez Special Economic Zone; Sarkhej-Bavla N H No				
CITY. STATE. ZIP CODE, COUNTRY Matoda, Gujarat, 382213 India	TYPEESTABLISHMENT INSPECTED Human Sterile Drug Manufacturer				
position. The noted are used to provide during aseptic operations in the RABS. B. Your firm's sterility test procedure is inadequate as it only instructs QC microbiologists to observe for microbial contamination via turbidity. Procedure 0318-SOP-QC-00085 does not include instructions for evaluation of samples for atypical microbiological growth that can present as other than turbidity (suspensions, particles, filaments).					
OBSERVATION 3 Buildings used in the manufacturing, processing, packing and holding of a drug product are not maintained in a good state of repair.					
Specifically,					
A. On 3/20/2024, we inspected the HVAC mechanical space and filling line ceiling. The roof of the building that covers this area was noted to have multiple holes and visible light to the exterior of the building.					

- B. On 3/20/2024, we inspected the QC microbiology storage room classified, CNC) and noted what appeared to be mold on and around the air vent in the ceiling of the room. Your firm stores various QC microbiology supplies in room canisters for drug product sterility and environmental monitoring plates utilized for aseptic filling line (4)
- C. Various areas within your facility were observed to have what appeared to be water stained ceilings indicative of prior water leakage events to include:
 - CNC hallway leading into line (4) production area.

AMENDMENT 1

		EMPLOYEE(S) SIGNATURE Sean R Marcsisin, Investigator Lori M Newman, Investigator	Lof M Newman Investigation Signed By 2003217756 Date Signet: 03-27-2024	DATE ISSUED 3/27/2024
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FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE INSPECTIONAL OBSERVATIONS PAGE 4 of 6 PAGES

	DEPARTMENT OF HEAL			ES	
DISTRICT ADDRESS AND PHON	FOOD AND DRUG	J ADMINISTRATI	DATE(S) OF INSI	PECTION	
12420 Parklaw	n Drive, Room 2032		3/18/2024-3/27/2024*		
Rockville, MI	20857		FEI NUMBER 3007621329		
			3007621	1329	
NAME AND TITLE OF INDIVIDUA	AL TO WHOM REPORT ISSUED				
Praghant Shar	rma, Chief Technical Officer				
FIRM NAME	ima, chief fechnical officer	STREET ADDRESS			
Zydus Lifesci	Lences Limited	Plot la	8a Phar	rmez Special Ec	conomic
Lydus Hireson	HIMITECA			avla N H No	OHOMIC
CITY, STATE, ZIP CODE, COUNT	TRY	TYPE ESTABLISHME	ENT INSPECTED		
Matoda, Gujar	rat, 382213 India	Human St	erile Dr	rug Manufacture	r
	 (b)(4) - Laboratory change (b)(4) - Corridor between Drug product retain 	retain stora		and material stora	ge room.
Control Control	ON 4 utensils are not cleaned and maintai the safety, identity, strength, qualit			. A77 / / /	contamination
Specifically,					
portion that app (b) (4) ar (b) (4) /MFG (b) V/	ge area. Vessel (b) (4) /MFG (4) V/648 from the interior side of	was docum the tank and fitting also a FG (4) V/648	nented as defined with appeared to its utilized eptic fillir	being in clean stat hat appeared to be to be discolored by I to (b)(4) drug p	e discolored rown with a product (b) (4) (b) (4) Vessel
*DATES OF INSPECTION 3/18/2024(Mon), 3/19/2024(Tue), 3/20/2024(Wed), 3/21/2024(Thu), 3/22/2024(Fri), 3/26/2024(Tue), 3/27/2024(Wed) AMENDMENT 1					
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CEE DEVEDOR	EMPLOYEE(S)SIGNATURE Sean R Marcsisin, Investigat	tor		ı	3/27/2024
SEE REVERSE OF THIS PAGE	Lori M Newman, Investigator	COL		Lori M Newman	3/21/2024
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DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 3/18/2024-3/27/2024* FEI NUMBER Rockville, MD 20857 3007621329 NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Prashant Sharma, Chief Technical Officer STREET ADDRESS Zydus Lifesciences Limited Plot 1a, 8a Pharmez Special Economic Zone; Sarkhej-Bavla N H No CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED Matoda, Gujarat, 382213 India Human Sterile Drug Manufacturer Sean R Marcsisin Investigator Signed By: Sean R. Marcsisin -S Date Signed: 03-27-2024 05:19:25

AMENDMENT 1

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EMPLOYEE(S) SIGNATURE

Sean R Marcsisin, Investigator OF THIS PAGE | Lori M Newman, Investigator

DATE ISSUED 3/27/2024

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