	ALTH AND HUMAN SERVICES RUG ADMINISTRATION	S		
DISTRICT OFFICE ADDRESS AND PHONE NUMBER	1	DATE(S) OF INSPECTION		
12420 Parklawn Drive, Room 2032 Rockville, MD 20857		07/15/19 - 07/19/19		
		FEINUMBER		
		3002806691		
Industry Information: www.fda.gov/oc/industry NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED				
TO: Mr. Daniel Boppuri, Senior Director and Site Head				
FIRM NAME	STREET ADDRESS			
Cipla, Ltd - Virgonagar Site	Old Madras Road, Vir	gonagar		
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT I			
Bangalore, Karnataka, 560049, India	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 CORE OBJECTION OR ACTION WITH THE FDA REPRESENTATIVE(S) DURING THE I YOU HAVE ANY QUESTIONS, PLEASE CONTACT FDA AT THE PHONE NUMBER DURING AN INSPECTION OF YOUR FIRM (I) (WE) OBSERVED:	ON REGARDING YOUR COMPLIA RECTIVE ACTION IN RESPONS INSPECTION OR SUBMIT THIS I	ANCE. IF YOU HAVE AN OBJE E TO AN OBSERVATION, YO	ECTION REGARDING AN OU MAY DISCUSS THE	
1. Investigations into out-of-specification (OOS) QC a failures, are not adequate.	nalytical results, relate	d to finished API pro	oduct quality	
Specifically, your investigations do not always determined assessing the analytical data to evaluate/eliminate all pare not limited to:	el conducting the inves	stigations are not alw	ays adequately	
* 1021_LAB1/INV/10/18/05 - (b) (4) Investigation reports OOS for "any other individual impurity around RRT (b) " during 36 month long-term stability testing. The root cause for the OOS was determined as "the higher temperature and humidity conditions are not favorable to retain the original characteristics of the (b) (4) Review of the overlays of the chromatographic data for 0 - 36 months stability testing for Lots: (b) (4) shows that the main (b) (4) both lots during the 0 - 36 month period. However, you do not evaluate why the main (b) (4) significantly between stability pulls, or compare it to the USP reference standard. Note that these lots of (b) (4) USP are validation batches, and the key starting material is (b) (4) (b) where you do not control or monitor the critical (b) (4) step of (b) (4) Lots: (b) (4) usp material". Peak shifts from around (b) minutes to around (b) minutes for peak shifts significantly between stability pulls, or compare it to the USP reference standard. Note that these lots of (b) (4) USP are validation batches, and the key starting material is (b) (4) (b) where you do not control or monitor the critical (b) (4) step of (b) (4) L/hr during the manufacture of the API intermediate (b) (4)				
* 1021_LAB1/INV/10/18/02 - (b) (4)	Lot: (b)	(4) . (Same as	s above OOS)	
* 1021_LAB1/OOS/02/19/09 -(b) (4) USP Lot: (during 60 month long-term (25 C/60 % R.H.) stability "exposure to atmosphere and heat, undergoes colour classes."	testing. The root cause		etermined as	
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Rockville, MD 20857		FEINUMBER		
Industry Information: www.fda.gov/oc/industry NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED		3002806691		
TO: Mr. Daniel Boppuri, Senior Director and Site Head				
FIRM NAME	STREET ADDRESS		-	
Cipla, Ltd - Virgonagar Site	Old Madras Road, Vir	gonagar		
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT I	en and a		
Bangalore, Karnataka, 560049, India	API Manufacturer			
failure at 25 C/60% R.H. compared to the explanation of R.H.) and accelerated (40 C/75% R.H.). Furthermore, in comparative analysis are packaged under (b) (4) explain/justify why you can compare the results when the (b) (4) are not part of the commercial	and (b) (4) he container/closure s	whystems are	US nich you o not the sa	P used for do not adequately ame or that
* 1021_LAB1/OOS/01/18/04 - (b) (4) for (b) (4) content during residual solvent analysis. Y	Lot: (b)			ation reports OOS
performed the original sample test on the original GC in fresh sample on a different GC instrument/column. How sample on the original GC instrument/column to evalua to preparation/handling error in the lab. 2. Equipment used to control and monitor critical proce API intermediates is not adequately designed, installed,	vever, you did not per te if the original samp ss parameters identifi	form any role may hav	etesting o	of the fresh contaminated due
Specifically,				
(b) (4) was designed in a manner that consistently adher (b) (4) L/hr) for the (b) (4) during the	which were installed of was performed af de any work orders of ou have not conducted res to the critical proces ig the manufacture of (b) (4)	on the (b) (4) ther the (b) (4) r document d a validate ess parame (b) (4) and (b) (4)	after were ation as t d study to ter (b) (4) Af	the equipment fabricated and to when the
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	EALTH AND HUMAN SERVICE DRUG ADMINISTRATION	s		
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		07/15/19 - 07/19/19		
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Industry Information: www.fda.gov/oc/industry		3002806091		
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED				
TO: Mr. Daniel Boppuri, Senior Director and Site Head	AMAREN ARRESTO			_
FIRM NAME	STREET ADDRESS			
Cipla, Ltd - Virgonagar Site CITY, STATE AND ZIP CODE	Old Madras Road, Vir	Was a second second		_
Bangalore, Karnataka, 560049, India	TYPE OF ESTABLISHMENT INSPECTED API Manufacturer			
		1 (1) (4)		
is (b) (4) and can easily form undesired si			viates from (b) I	اد
hr. Note that during the inspection we observed sever and (b) (4) where (b) (c)	(1)	the key starting m	aterial for both	
APIs.	is used as	the key starting in	aterial for both	
c) Your sensor panel for (b) (4) E3-(b) (4)-19 is not w 07/15/19, we observed that the sensor for the (b) (4) during the manufa indicates whether the (b) (4) line to the (b) (4) process parameter for the (b) (4) line was open or closed,	line was not illum acture of (b) (4) is open or closed. A (b) during Step (b) (4)	Lot: (b) (4) (4) is a Note that none of y	The sensor required critical our staff could	
3. Preventative controls over your electronic inventor established to prevent product mix-ups and ensure transpectifically, you did not appropriately qualify/valida with ICH and Part 11 requirements for validation of evaildation protocol with the required challenges of your system would perform in a first-in/first-expiry/first-ochallenge was performed by reconciling the quantitie materials with any leftover returned raw materials, si batch production order to the warehouse.	aceability for the life cyclete your SAP inventory relectronic systems. You our warehouse management (FI/FE/FO) manner, out (FI/FE/FO) manner, out from your goods issued ince you do not always related to the system.	management system did not effectively nent system to dem or that a reconciliate slip with the conseturn all raw mater	n in accordance develop the onstrate that the tion of materials umption bill of rials specific to a	
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Cipla, Ltd - Virgonagar Site	Old Madras Road, Virgo			
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT IN:	SPECTED		
Bangalore, Karnataka, 560049, India	API Manufacturer	API Manufacturer		
why these materials are not returned to the ware warehouse personnel are not performing a final against the consumption bill of materials and che * You do not return all issued raw materials to the inspection, we observed raw materials staged in	system is deficient in the following sue slips (Proposed work order in your batch production order during final batch record review picked from the warehouse are on, where any excess materials onciled by the warehouse personal warehouse as "non-dispensed", ou could not provide an adequation of the warehouse after use in the productive conciliation, where excess received back into the warehouse as the storage warehouse after prothe dispensed material staging	wing aspects: r for API), which your warehous r, to the batch production records wi if the raw materials listed on to nd weighed/dispensed for batch s not used in production are return connel. Additionally, you identify despite that they are not utilities that explanation/justification as to on process. Subsequently, the naw materials are accounted for e. duction is completed. During the g area which were not part of the	se s. As the	
production lots identified in the staging area. On materials from three other production lots which dispensed". * You do not perform line clearances for the nor	were identified as either "not	yet consumed" or "not yet	aw	
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Christopher S. Keating, Investigator Ralph H. Vocque, Analyst

07/19/2019

	ALTH AND HUMAN SERVICES UG ADMINISTRATION			
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12420 Parklawn Drive, Room 2032 Rockville, MD 20857		07/15/19 - 07/19/19		
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TO: Mr. Daniel Boppuri, Senior Director and Site Head				
FIRM NAME	STREET ADDRESS			
Cipla, Ltd - Virgonagar Site				
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT IN			
Bangalore, Karnataka, 560049, India	API Manufacturer			
* You often stage non-dispensed materials (normally he for long periods of time (> (b) (4)), despite that you that the long-term storage in these production areas aff materials during long-term storage outside of the ware "Your SAP-generated "Proposed work order for API" "proposed work order date" is populated with the date reflect the actual work order date.	have no validated study ect the quality, potency house. issuance sheets have a	or scientific evide , purity, and strengt design/validation f	th of the raw	
4. Process validations of API intermediates are not deschange control proposals, using all equipment specific Specifically, you did not adequately perform the proce API (b) block as described in Change Control: 1024-P-analysis of all proposed manufacturing equipment, you only the equipment in API-(b) Block, and you did not part and the process validation lots) on stability in	d in the change control. ss validation for the ma -18-00012. You did not i did not perform all problace all API lots manuf	nufacture of (b) (4) perform an appropacess validation ma	in riate comparative nufacturing using	
5. Stability studies performed to determine the expiry dates for finished APIs are not conducted in the same container closure system as the packaging procedure specified in the batch records. Specifically, your stability protocol for (b) (4) USP API (Protocol: SP/BL/DS/(b) 0001) states that the (b) (4) USP stability samples are to be packaged in (b) (4) and (b) (4) bags which contain (b) (4) (b) (4) and (b) (4) USP, where the API material is packaged without (b) (4) and not (b) (4) (b) (4) You are not conducting long-term and accelerated stability studies for (b) (4) USP in the same container closure systems as which you package the material for shipment. Your projected shelf life is (b) (4)				
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based on the studies conducted with (b) (4) are packaged in the same manner. Note that your firm has set +/- 2 C and (b) +/- 5% R.H., which have been attributed change, hence material by nature is not stable at higher texceeding 25 C."	everal confirmed OC to "exposure to atm	osphere and heat, und	erm stability at 30 dergoes colour
6. Written procedures for packaging operations are not of	established.		
Specifically, your batch manufacturing record for (b) (4) states that packaging of the intermediate must be performed in a dry environment and packaged (b) (4) You do not have a detailed written procedure for packaging (b) (4) Inine used for packaging in the batch manufacturing record. Furthermore, your firm management informed us during the inspection that the packaging rooms are not controlled or monitored for temperature and humidity. As such, you have no way to identify or confirm if personnel are performing packaging of the intermediate under the specified conditions. Note that (b) (4) intermediate is temperature, moisture, and oxygen sensitive and can easily form degradation/decomposition products upon exposure to these conditions.			
7. Records not made readily available during an FDA in Specifically, you were not able to provide the requested dispensed material staging areas and the control panel d manufacturing area. Because of explosion-prone conditi personnel to collect photographs, which your staff explaid not capture all requested photographs in real time are we wanted captured. Additionally, all of the photograph	photographs of raw isplay for (b) (4) E3 ions in production are nined were to be take and did not verify all his collected by your	reas and warehouses, en with explosion-prophotos before rearran staff were acquired u	Block we allowed your of cameras. You ging items which using a normal
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