FOOD AND DRUG	TH AND HUMAN SERVICES 3 ADMINISTRATION
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 Rockville, MD 20857 ORAPHARMInternationalresponses@fda.hhs.g	DATE(S) OF INSPECTION 05/30/2024-06/07/2024 FEI NUMBER 2002040085
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Sunderganesh Sankaran, Site Head FIRM NAME	STREET ADDRESS
Dr. Reddy's Laboratories Limited CTO - Unit VI CITY, STATE, ZP CODE, COUNTRY	APIIC Industrial Estate
Pydibhimavaram (Village), Ranasthalam Mandal, Srikakulam District, Andhra Pradesh, 532409 India	TYPE ESTABLISHMENT INSPECTED API Manufacturer

This document lists observations made by the FDA representative(s) during the inspection of your facility. They are inspectional observations, and do not represent a final Agency determination regarding your compliance. If you have an objection regarding an observation, or have implemented, or plan to implement, corrective action in response to an observation, you may discuss the objection or action with the FDA representative(s) during the inspection or submit this information to FDA at the address above. If you have any questions, please contact FDA at the phone number and address above.

DURING AN INSPECTION OF YOUR FIRM WE OBSERVED:

OBSERVATION 1

Analytical methods were not validated or verified under the actual conditions of use. These methods are used for testing of final Active Pharmaceutical Ingredients (API) before releasing the APIs for the manufacturing of drug products.

Specifically,

A. The following test methods, including in-house and compendial test methods, were not validated or verified appropriately for the commercial APIs. These APIs have active US Drug Master Files (DMF) and batches were distributed to customers and are currently in the market.

API	US DMF #	Test Description	Specificatio	on #
(b) (4)		Specific Optical Rotation	S-08-ADG-	1.0.5
		Identification by IR	SP-CTO06-	-003570
		Identification by IR	SP-CTO06-	-002687
		Specific Optical Rotation	SP-CTO06-	-003013
		Specific Optical Rotation	SP-CTO06-	-002538
		Specific Optical Rotation at ^(b) C	SP-CTO06-002617	
				002017
	EMPLOYEE(S) SIGNATURE			
E VERSE OF	EMPLOYEE(S) SIGNATURE Joseph Whichor Tamil Ara su	EMPLOYEE(S) NAME AND TITLE (Print or Type)	DA 0	TE ISSUED 6/07/202

		ENT OF HEALTH FOOD AND DRUG A	and the second			
12420 Parklaw	DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032			00 4-06/07/20	124	
Rockville, MD 20857			FEI NUMBER	4-06/07/20	JZ4	
ORAPHARMInter.	nationalresponses@	fda.hhs.gov	300294908	5		
NAME AND TITLE OF INDIVIDUAL						
Sunderganesh FIRM NAME	Sankaran, Site Hea					
	aboratories Limite	and the second	STREET ADDRESS			
Dr. Reddy's Laboratories Limited CTO - Unit VI		u 010	APIIC Industrial	Estate		
CITY, STATE, ZIP CODE, COUNTRY			TYPE ESTABLISHMENT INSPECTED			
	am (Village), Mandal, Srikakula		API Manufacturer			
	dhra Pradesh, 53					
India	and riddebil, 55	2305				
(b) (4)	(b) (4)	1				
(4) (4)	(0)(1)	Identificati	ion by IR	S-08-IG	/06	
		Identificat	ion By Mass Spectrometr	TV I		
		Identificati			06-002685	
			ptical Rotation			
			itent by KF	SP-CTC	06-002756	
		Idontifiact	ion by ID			
22		Identificati	itent by KF	SP CTC	06-003026	
		Water Con	acine by Ki	SI-CIC	00-003020	
		Identificati	ion by IR	SP-CTC	06-003561	
Ide		Identificati	tification by IR		06-002658	
		Identificati	ion by IR	SP-CTC	06-002663	
		XRD	(b) (d)			
		Identificati	on test for	SP-CTO	06-002807	
		Identificati	on by IR	SP-CTO	06-002676	
		Identificati	on by IR			
÷.		Identificati	on by (b) (4)	SP-CTO	SP-CTO06-003929	
		Identificati	on by	SP-CTO	06-002968	
		Identificati	on by (b) (4)	SP-CTO	06-003459	
		Water Con				
		Identification by IR		SP-CTO	06-002588	
		Water Con	and a second			
		T1	on by ID			
-		Identificati Water Con				

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DISTRICT ADDRESS AND PHON		AND DRUG	ADMINISTRATIO	DATE(S) OF INSPECTION		
12420 Parklawn Drive, Room 2032		05/30/2024-06/07		6/07/20	24	
Rockville, N				FEI NUMBER 3002949085		
ORAPHARMINTer NAME AND TITLE OF INDIVIDUA	nationalresponses@fda	.hhs.go	v		-	
	Sankaran, Site Head					
FIRM NAME			STREET ADDRESS	40		n-m
	Laboratories Limited C	TO -	APIIC Industrial Estate			
Unit VI CITY, STATE, ZIP CODE, COUNT	TRY		TYPE ESTABLISHM			
	ram (Village),	-12	a second of the second s	afacturer		
	Mandal, Srikakulam					
District, Ar	ndhra Pradesh, 53240	9				
India						
(b) (4)			(5) (4)			
			Rotation ^{(b) (4)}	by		
		Polarime	ter		0.0.0000	
		XRD	interest C	1	and the second	06-002894
			ontent by Co	outometer		06-004059
			ation by IR ation by IR			06-003243
			Optical Rota	ation		06-003679
	-	Identifica	ation for (b) (4) •		06-002622
		racintino			51-0100	00-002022
validated prio (b) (4) batches of (b) (4) completed, an impurity. Of shipped, inclu products, base	the $\binom{(b)}{(4)}$ batches of $\binom{(b)}{(4)}$ and $\binom{(b)}{(4)}$ and a batches of an results obtained for the	s. From 2 e GC resisterization more than nanufactu (b) (4)	2020 to 2023 idual solven n of the unk (b) ppm w ured, approx	t analysis release t nown peak as ^{(b) (4} vas determined and imately ^(b) batche hich were intended ontent following a	k characte esting in a l establish s were rel l for use in GC devel	approximately (4) was ed for this eased and n US marketed oped method.
chromatograp	lytical method validation was hy method was developed an. (b) batches shipped were not EMPLOYEE(S) SIGNATURE	d validate	ed on 01May using this va	2022 for quantita	tion of ^{(0) (e}	4)
REVERSE OF THIS PAGE	TA			su, Investigator		
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DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 20 Rockville, MD 20857 ORAPHARMInternationalresponse NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	wn Drive, Room 2032 MD 20857		DATE(S) OF INSPECTION 05/30/2024-06/07/20 FEI NUMBER 3002949085	24
Sunderganesh Sankaran, Site H				
FRM NAME Dr. Reddy's Laboratories Limi Unit VI			ndustrial Estate	
Pydibhimavaram (Village), Ranasthalam Mandal, Srikaku	DIV, STATE, ZIP CODE, COUNTRY Pydibhimavaram (Village), Ranasthalam Mandal, Srikakulam District, Andhra Pradesh, 532409		entinspected facturer	
(b) (4) content was with	in the internal	specification,	including batches ^{(b) (4)}	and
Furthermore, batches (b) (4)	and (b) (4)	were rel	eased on 26Jun2021; howe	ver
communication about the detection			e subsequent control limit y	
communicated to the customer until				
OBSERVATION 2 There is a failure to ensure that manufact Specifically, From May 2022 to January 2024, 17 out- process checks or during final release tes specification limit. These investigations approximately b batches intended for use and addressed through corrective actions additional controls of humidity during material can be held before further proce Since the implementation of ^{(b) (4)} investigations were also initiated due to batch record for ^{(b) (4)}	of-specification ting due to ele led to the repre- in US market , including but uring the stage ssing during v	on results have vated levels of occessing of all ed products. $\frac{1}{2}$ t not limited to s of (b) (4) ar arious stages. s and (^{(b) (4)}	been obtained for $^{(b)(4)}$ f $^{(b)(4)}$ not meeting the 17 batches of $^{(b)(4)}$ in Various root causes have be o, correction of the $^{(b)(4)}$	time in which the additional
SEE REVERSE OF THIS PAGE		Joseph A.	<i>ME AND TITLE (Print or Type)</i> Piechocki, Investigator su, Investigator	DATE ISSUED 06/07/2024
FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE	ı IN	SPECTIONAL O	BSERVATIONS	PAGE 4 OF 8 PAGES

	DEPARTMENT OF HEALTH FOOD AND DRUG A		
DISTRICT ADDRESS AND PHONE NUMBER		DATE(S) OF INSPECTION	2024
12420 Parklawn Drive, Ro Rockville, MD 20857	011 2032	05/30/2024-06/07/2 Fei NUMBER	5023
ORAPHARMInternationalres		3002949085	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUE Sunderganesh Sankaran, S			
FIRM NAME	The near	STREET ADDRESS	
Dr. Reddy's Laboratories Unit VI	Limited CTO -	APIIC Industrial Estate	
CITY, STATE, ZIP CODE, COUNTRY		TYPE ESTABLISHMENT INSPECTED	
Pydibhimavaram (Villag Ranasthalam Mandal, Sr		API Manufacturer	
District, Andhra Prade			
India			
during the ^{(b) (4)} 2) Out-of-specification 3100 for ^{(b) (4)} of ^{(b) (4)} ppn ^{(b) (4)} The root of testing since there is a cha Although corrective actions have b Master Batch Record, there has be under adequate control and the pro- investigations conducted indicate non-homogeneity of the material of OBSERVATION 3 There is a failure to thoroughly re components to meet any of its spe Specifically,	phase of the manufacturi 26212 was initiated on 0 in (specification not more cause was determined to ince of non-material unit been identified and have een no holistic review or ocess has been maintaine a lack of process control during ^{(p)(4)} operations view any unexplained di confications whether or no the Out of Specification ple,	9Apr2024 due to an out-of-specificate than ^{(b) (4)} ppm) during release testible improper sampling during in-pro- formity by inadequate mixing prior to been or are being implemented into assessment performed to ensure that ed in a validated state. In addition, the solution (^{b) (4)} operations as	thion result obtained ing of Batch cess sampling and o sampling. the (************************************
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THIS PAGE		Tamil Arasu, Investigator	
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DEPARTMENT OF HEALT FOOD AND DRUG	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 Rockville, MD 20857 ORAPHARMInternationalresponses@fda.hhs.go	V
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Sunderganesh Sankaran, Site Head	
FIRM NAME Dr. Reddy's Laboratories Limited CTO - Unit VI	STREET ADDRESS APIIC Industrial Estate
CITY, STATE ZP CODE, COUNTRY Pydibhimavaram (Village), Ranasthalam Mandal, Srikakulam District, Andhra Pradesh, 532409 India	TYPE ESTABLISHMENT INSPECTED API Manufacturer
 Related Substances by HPLC (Method-1) at 12M result was ^{(D)(4)}/₆ against a specification of NMT might have exposure to light/air during sampling increase of the ^{(D)(4)}/₆ However, this root ca 2) OOS# 310023442 - ^{(D)(4)}/₆ (Specification lint the dispensing tube. However, this root cause was 3) OOS# 310023657/310023658/310023685/31002 batches (^{(D)(4)}/₆ (^{(D)(4)}/₇) (^{(D)(4)}/₇)	ge of ~ ^{(b) (4)} ppm to ^{(b) (4)} ppm against specification limit ing of sampling area with ^{(b) (4)} However, this root evidence. (b) (4) residual solvents by GC (^{(b) (4)} ppm Attributed root cause: in-process sampling may be an
 B. Investigations do not always implement adequate cor root causes and prevent recurrence. For example, 	
starting material, as	erformed for ^{(b) (4)} API from January 2020 to June was observed in approximately ^(b) batches. The root cause of the unknown peak was attributed to the key is a key raw material in its synthesis. The corrective ^{(b) (4)} in the final API was to maintain a
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) NAME AND TITLE (Print or Type) Joseph A. Piechocki, Investigator Tamil Arasu, Investigator
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	FH AND HUMAN SERVICES
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Rockville, MD 20857	05/30/2024-06/07/2024 FEI NUMBER
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Sunderganesh Sankaran, Site Head	
	STREET ADDRESS
Dr. Reddy's Laboratories Limited CTO - Unit VI CITY, STATE, ZIP CODE, COUNTRY	APIIC Industrial Estate
Pydibhimavaram (Village),	TYPEESTABLISHMENT INSPECTED API Manufacturer
Ranasthalam Mandal, Srikakulam	
District, Andhra Pradesh, 532409	
India	
 October 2020. Since October 2020, 60 instances same root cause, however no additional corrective manufacturing process as identified originally in Incident 200414087 was initiated on 22Apr2023 (b) (4) result exceeding the cleaning specificate of (b) (4) result exceeding the cleaning specificate of (b) (4) rinsing which (b) (4) rinsing is solvent changes, were identified. Additionally, I similar root cause for inadequate cleaning of (b) (4) 	due to residual ^{(b) (4)} solvent content in tion of not more than ^(b) ppm during cleaning validation ration was contamination in the container is also used. It was concluded that no impact to any ncorporating ^{(b) (4)} cleaning procedures between incident 200426113 was initiated on 23 Jan 2024 with a
OBSERVATION 4	
There is a failure to ensure that materials are not released quality unit.	before the satisfactory completion of evaluation by the
Specifically,	
Batches of ^{(b) (4)} API intended for use in US	marketed products were released by the quality unit
without completion of all applicable release tests prior to	
specifications SP-CTO06-002815 and CS- ^(b) / ₍₄₎ -012/04 and	d requires additional testing for particle size distribution
	qui es acconomi desting foi paracte size distribution.
EMPLOYEE(S) SIGNATURE	EMPLOYEE(S) NAME AND TITLE (Print or Type) DATE ISSUED
0.0	EMPLOYEE(S) NAME AND TITLE (Print or Type) DATE ISSUED 06/07/2024
SEE	Joseph A. Piechocki, Investigator
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Sunderganesh Sankaran, Site Head	STREET ADDRESS
Dr. Reddy's Laboratories Limited CTO - Unit VI	APIIC Industrial Estate
OTY.STATE.ZPCODE COUNTRY Pydibhimavaram (Village), Ranasthalam Mandal, Srikakulam District, Andhra Pradesh, 532409 India	TYPE ESTABLISHMENT INSPECTED API Manufacturer
required per the specification. The Certificates of Analy	(4) (b) (4) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
*DATES OF INSPECTION 05/30/2024(Thu), 05/31/2024(Fri), 06/03/2024(Mon), 06/07/2024 (Fri)	06/04/2024(Tue), 06/05/2024(Wed), 06/06/2024(Thu),
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) NAME AND TITLE (Phot or Type) DATE ISSUED 06/07/2024 Joseph A. Piechocki, Investigator Tamil Arasu, Investigator
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