STRICT OFFICE ADDRESS AND PHONE NUMBER		DATE(S) OF INSPECTION	
2420 Parkland Drive, Room 2093 ockville, MD 20857	14 - 29 A FEI NUMB 3003404	Alleria Pausono	
dustry Information: www.fda.gov/oc/industry ME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED.	250000000000000000000000000000000000000	577 1020	
Ms. Zhang Yan, Vice President, Quality Respon	nsible Person		
RM NAME	STREET ADDRESS		
angsu Hengrui Pharmaceuticals CO. LTD.	Dongjin Road, Port Industry Area, Ed Zone	o & Tech Development	
TY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT INSPECTED		
anyungang, Jiangsu 222069 China	Manufacturer		
S DOCUMENT LISTS OBSERVATIONS MADE BY THE FDA REPRESENTATIVI PRESENT A FINAL AGENCY DETERMINATION REGARDING YOUR COMPLIAI PLEMENT, CORRECTIVE ACTION IN RESPONSE TO AN OBSERVATION, YOU SUBMIT THIS INFORMATION TO FDA AT THE ADDRESS ABOVE. IF YOU HA	NCE. IF YOU HAVE AN OBJECTION REGARDING AN OBSERVATION, OR I MAY DISCUSS THE OBJECTION OR ACTION WITH THE FDA REPRESENT	HAVE IMPLEMENTED, OR PLAN TO FATIVE(S) DURING THE INSPECTION	
RING AN INSPECTION OF YOUR FIRM I OBSERVED:			
Observation 1:			
amples taken of in-process materials for determ	nination of conformance to specifications are	not representative.	
pecifically, samples are taken for testing biobu	rden, appearance, and assay after (b) (4) comp	ounding of	
pecifically, samples are taken for testing biobute (b) (4) Injection, a sterile bulk solution. The compounded solution is (b) (4) Illing line room (b) (4) where	product distributed to the U.S. market. The sar	nple obtained is not the	
bulk solution. The compounded solution is	transported from Workshop room (4) mL of the compounded solution is	to the Workshop into the	
ank.	ind of the compounded solution is	into the (b) (4)	
41IX.		(b) (4)	
Observation 2:			
aboratory controls do not include the establish			
aboratory controls do not include the establish o assure that drug products conform to appropri			
aboratory controls do not include the establish b assure that drug products conform to appropri pecifically,	ate standards of identity, strength, quality and	l purity.	
aboratory controls do not include the establishment assure that drug products conform to appropriate pecifically, a) SOP QC-868-009, The Determination of the body will not be disrupted during the stablishment of the conformation of the conformat	f Microbiological Experiment Result, does not ing the reads of the sterility test	ot assure that the samples. The	
aboratory controls do not include the established assure that drug products conform to appropri pecifically, a) SOP OC-868-009, The Determination of will not be disrupted dur procedure requires, "observe"	f Microbiological Experiment Result, does not ing the reads of the sterility test during incubation, remove medium from the	of assure that the samples. The e incubator, observe	
aboratory controls do not include the establishment assure that drug products conform to appropriate pecifically, a) SOP QC-868-009, The Determination of the body will not be disrupted during the stablishment of the conformation of the conformat	f Microbiological Experiment Result, does not ing the reads of the sterility test during incubation, remove medium from the	of assure that the samples. The e incubator, observe	
aboratory controls do not include the establishment assure that drug products conform to appropri pecifically, a) SOP QC-868-009, The Determination of will not be disrupted dur procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires, "observe whether the medium is (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation of the disrupted dure procedure requires (b) (4) in a well-lift conformation dure procedure requires (b) (4) in a well-lift conformation du	f Microbiological Experiment Result, does not ing the reads of the sterility test during incubation, remove medium from the t place, and reads of the sterility test to the ster	of assure that the samples. The e incubator, observe sary".	
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Di		H AND HUMAN SERVICES		
DISTRICT OFFICE ADDRESS AND PHONE NUMBER			DATE(S) OF INSP	
12420 Parkland Drive, Room 2093 Rockville, MD 20857			14 -29 August	2023
			3003404148	
Industry Information: www.fda.gov/oc/industry	RT IS ISSUED			
TO: Ms. Zhang Yan, Vice President, Qu		on		
FIRM NAME	3001	STREET ADDRESS		
Jiangsu Hengrui Pharmaceuticals CO. LTD	,	Dongjin Road, Port Industry / Zone	Area, Eco & Te	ch Development
CITY, STATE AND ZIP CODE		TYPE OF ESTABLISHMENT INSPEC	CTED	
Lianyungang, Jiangsu 222069 China		Manufacturer		
THIS DOCUMENT LISTS OBSERVATIONS MADE BY THE FDA F REPRESENT A FINAL AGENCY DETERMINATION REGARDING MPLEMENT, CORRECTIVE ACTION IN RESPONSE TO AN OBS OR SUBMIT THIS INFORMATION TO FDA AT THE ADDRESS AS	YOUR COMPLIANCE. IF YOU HA ERVATION, YOU MAY DISCUSS	IVE AN OBJECTION REGARDING AN OBSERV THE OBJECTION OR ACTION WITH THE FDA I	ATION, OR HAVE IMP REPRESENTATIVE(S)	LEMENTED, OR PLAN TO DURING THE INSPECTION
DURING AN INSPECTION OF YOUR FIRM ORSERVED:	1	(6) (4)		NO. NAME OF TAXABLE PARTY.
1) in-proces	room (b) (4) The t	for bottoment by equipment does not have	nent located i	n Workshop
results are shown on	est equipment scree	n and documented by QA pe	rsonnel. The	re is no second
review of the test data		14	8	w (b) (4
2) Aseptically filled pro- and (b) (4)	ducts are sampled ar	d tested for visible particula	te matter for	Workshop
3) Quality assurance per	sonnel collect the er	vironmental monitoring sam	ples from fil	ling operations.
 e) AQL manual sampling is not Inspection of Injections, whice 100%". Currently, AQL samples inspection process. If the AQ manual inspection is stopped reinspection of only a portion 	h requires, "First ensoles are obtained at t L limit is exceeded a and only the portion	sure that the entire batch of p he at (b)(4)	oroduct has be of the 100 inspection p	een inspected at % manual visual rocess, the 100%
f) If the AQL inspection limit is and reinspection is performed			spection stop	s immediately
g) The AQL sampling and inspe acceptance criteria (b) (4)	ction of product insp before initiating a c	ected on the automated visu leviation investigation.	al inspection	machine can fail
Observation 3:				
Batch production and control records reproduction of the appropriate master signed.	production or contr	ol record which was checked	d for accuracy	y, dated and
Specifically, logbook for Tub information in logbook rewritten in th	e Replacement Reco		e replaced, w	ith the
a) The logbook used to documer	t the number of	tubing uses documents	that (b) (4)	ubing#
was replaced on 16	July 2023, with sign	nature of the person replacing	g the tubing a	nd the signature
of the person reviewing the in with new signatures. The	tubing were ori	pination was rewritten on a principle of a principl	new form on	rity tested prior
to production of		Injectio	on batches	(b) (4) and
(b) (4) n 17 July 2023 ar	id 18 July 2023 resp	ectively. The information w	as rewritten a	s replacement of
(b) (4) tubing with integrity	est on 14 August 20	23.		
	1 +			
SEE EMPLOYEE(S) SIGNATURE	- ///	EMPLOYEE(S) NAME AND TITLE (F	Print or Type)	DATE ISSUED
PAGE MUMM	a giw	Cynthia Jim, CSO		29 AUG 2023
FORM FDA 483 (9/08) PREVIOUS EDITION OF	SOLETE	INSPECTIONAL OBSERVAT	IONS	Page 6 of 6
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	F HEALTH AND HUMAN SERVICES D DRUG ADMINISTRATION		
DISTRICT OFFICE ADDRESS AND PHONE NUMBER 12420 Parkland Drive, Room 2093 Rockville, MD 20857	DATE(S) OF INSPECTION 14 -29 August 2023 FEI NUMBER 3003404148		
Industry Information: www.fda.gov/oc/industry NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED			
TO: Ms. Zhang Yan, Vice President, Quality Responsib	ole Person		
FIRM NAME	STREET ADDRESS		
Jiangsu Hengrui Pharmaceuticals CO. LTD.	Dongjin Road, Port Industry Area, Eco & Tech Development Zone		
CITY, STATE AND ZIP CODE	TYPE OF ESTABLISHMENT INSPECTED		
Lianyungang, Jiangsu 222069 China	Manufacturer		
REPRESENT A FINAL AGENCY DETERMINATION REGARDING YOUR COMPLIANCE. IMPLEMENT, CORRECTIVE ACTION IN RESPONSE TO AN OBSERVATION, YOU MAY	DURING THE INSPECTION OF YOUR FACILITY. THEY ARE INSPECTIONAL OBSERVATIONS, AND DO NOT IF YOU HAVE AN OBJECTION REGARDING AN OBSERVATION, OR HAVE IMPLEMENTED, OR PLAN TO DISCUSS THE OBJECTION OR ACTION WITH THE FDA REPRESENTATIVE(S) DURING THE INSPECTION NY QUESTIONS, PLEASE CONTACT FDA AT THE PHONE NUMBER AND ADDRESS ABOVE.		
August 2023 with new signatures. The tested prior to production of on 19. The information was rev	b, with signature of the person replacing the tubing and the mation. The information was rewritten on a new form on 14 (b) (4) tubing were originally documented as replaced and integrity (b) (4) Injection batch		
information was respected on a new form or	ignature of the person reviewing the information. The n 14 August 2023 with new signatures. The grity tested prior to production of n batches (b)(4) and (c)(4) on 11 and 12 August 2023		
Observation 4:			
Aseptic processing areas are deficient regarding sys conditions. Specifically, a) Not all locations on Workshop	filling line, used for filling products (b) (4) Injection and		
Suspension, shows adequate air flow without turbulence during smoke studies. 1) The both area next to the Workshop LAF components prior to placement of sterilized components into the Grade A filling line. The smoke study video at 1:00 minute and 1 minute and 30 seconds shows an upflow of smoke as the operator opens the HEPA filter components for filling line set up. Up to set up.			
2) Workshop # 1 is used is one of ocated the does not demonstrate airflow without to Grade A.	for filling product intended for US distribution. (b) (4) # 1 from the point of filling. The smoke study video arbulence for the entire pathway to		
	at times provided only a closeup view of the filling line, which		
	rbulence from top (smoke source) to the filling line location.		
REVERSE OF THIS PAGE MALLIA MALLIA	EMPLOYEE(S) NAME AND TITLE (Print or Type) Cynthia Jim, CSO DATE ISSUED 29 AUG 2023		
FORM FDA 483 (9/08) PREVIOUS EDITION OBSOLETE	INSPECTIONAL OBSERVATIONS Page 6 of 6		

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	H AND HUMAN SERVICES ADMINISTRATION	
DISTRICT OFFICE ADDRESS AND PHONE NUMBER 12420 Parkland Drive, Room 2093 Rockville, MD 20857		DATE(S) OF INSPECTION 14 -29 August 2023 FEI NUMBER
Industry Information: www.fda.gov/oc/industry		3003404148
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED TO: Ms. Zhang Yan, Vice President, Quality Responsible Pers.		
TO: Ms. Zhang Yan, Vice President, Quality Responsible Persi	STREET ADDRESS	
Jiangsu Hengrui Pharmaceuticals CO, LTD.	Dongjin Road, Port Industry	Area, Eco & Tech Development
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DURING AN INSPECTION OF YOUR FIRM I OBSERVED:		
a) On 25 August 2023, while observing filling operate that was that was that was that was the color at that time.	n color, and not consistent was filling line. Filling in Work (b) (4) Suspension. 23 shows that the	e filling line was set up with a with the color of ckshop (b) (4) is used to fill A review of Workshop (b) (4) was also (b) (4) in
b) On 25 August 2023, the filling line in Workshop surfaces near the	was observed with dee	p groves in the (b) (4)
Observation 5:		
Procedures designed to prevent microbiological contamina established. Specifically, (b) (4)		South Country South Country Co
a) Filling of Susper contact tubing during filling operations. The contact tubing during filling operations. Media simulation studies in Workshop tubing, instead of tubing used to manufact	s performed with	es dedicated, (b) (4) product (b) (4) (b) (4) (b) (4) (b) (4) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d
b) Operators are not required to disinfect their gloved from the LAF (b) (4) and installed into Workshop for filling setup are taken out of the (b) (4) unw	l hands prior to each remove b (4) and b (4) filling lines. T rrapped and transported to the	al of sterilized components the sterilized components used the filling line LAF
Observation 6:		
are not monitored after completing the intervention 1) SOP # PO-3 112 005-012, SOP for Filling Operation gloved hands after each allowed 2) SOP # PO-3 115 005-012, SOP for Filling Operation gloved hands after each allowed (b) (4) control of the control of th	ons on aseptic filling lines in on the Grade A filling line erations of Workshop rrective interventions. (b) (4) (4) (6) (4) (7) (7) (8) (9) (4) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	n Workshops and (6)(4)
1	nitored in the location when	
SEE REVERSE OF THIS PAGE DIVIDENCE SIGNATURE	Cynthia Jim, CSO	Print or Type) DATE ISSUED 29 AUG 2023
FORM FDA 483 (9/08) PREVIOUS EDITION OBSOLETE	INSPECTIONAL OBSERVA	TIONS Page 6 of 6
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	UG ADMINISTRATION	
TRICT OFFICE ADDRESS AND PHONE NUMBER 420 Parkland Drive, Room 2093		DATE(S) OF INSPECTION 14 -29 August 2023
ockville, MD 20857		FEI NUMBER 3003404148
ustry Information: www.fda.gov/oc/industry ME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED		The state of the s
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M NAME	STREET ADDRESS	Arao Fas 9 Task David
ngsu Hengrui Pharmaceuticals CO. LTD.	Zone	Area, Eco & Tech Developmen
y, STATE AND ZIP CODE nyungang, Jiangsu 222069 China	TYPE OF ESTABLISHMENT INSPE	CTED
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environment before filling. The location where and removes the by settle plates,	an operator removes the (b) (d) for loading onto the filling particle monitoring.	(b) (4) of sterile ng machine, is not monitore
c) The Grade A area where sterile stoppers are bags nonviable air monitoring which do not monitor to operations by (b)(4)	ged by personnel in Workshop the activity as the area is physi	has settle plate and cally separated from the
d) (b) (4) samples are not obtain	ned at points of use.	
1) used in	Suspension compounding of	operations in Workshop
is sampled from port # for testin endotoxin. The points of use for production	ng microbi	al limit and bacterial
(b) (4) which are on a different pipe line.	In addition, a section of the h to the sample port is made o	Suspension is Tanks transport pipe to f (b) (4)
2) wsed in compounding operations for Workshop sampled from port # approximately 14 feet from the sample site.	and not at the point of	use for tank
oservation 7:		
tablished test procedures are not documented at the time ecifically, after incubation is completed of environments the microbiologist performs the reads of all crobiologist performs review of the plates and an ecumented by the first microbiologist.	ntal manitoring complex and b	ioburden test samples, the ts. Only after the second d result, is the results
oservation 8:		
compounding and storage containers used during the entified at all times to indicate contents or the phase of a) Compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (b)(4) used to make the compounding tanks in Workshop (c)(4) used t	processing of the batch Speci	product is not properly fically (b) (4) ection for U.S. distribution,
were not correctly labeled on 15 August 2023. T in Workshop all had	l status labels dated 10 August	2023, which represented
REVERSE OF THIS	EMPLOYEE(\$) NAME AND TITLE (P	rint or Type) DATE ISSUED
PAGE CON CON HU	Cynthia Jim, CSO	29 AUG 2023

	LTH AND HUMAN SERVICES IG ADMINISTRATION		
DISTRICT OFFICE ADDRESS AND PHONE NUMBER 12420 Parkland Drive, Room 2093 Rockville, MD 20857	DA 14	ATE(S) OF INSPECTION 4-29 August 2023 EI NUMBER	
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DURING AN INSPECTION OF YOUR FIRM I OBSERVED:	(b) (4)		
cleaning that had occurred on the exterior of the clean status of the interior of the tanks.	tanks. The anks did not h	ave status label indicating	
		AVAN	
b) The Grade A filling line in Workshop used	l for filling	(b) (4)	
	Inje	ection, utilizes product d for billing operations or	
within On 15 August 2023, two sets of	The tubing sets can be used	d for illing operations or	
as two sets were found with the same tubing ider	tification, both coming from th	e same master tube roll.	
Observation 9:			
Observation 9:			
The batch production and control records are deficient in accomplishment of each significant step in manufacturing Specifically, a) Workshop (b)(4) tanks used for holding in-process used for number of uses, operator, and reviewer. After each use of the tan above information is discarded and not document.	s sterile drug solutions into the tanks. The had atch number, replacement date, k, the identification card on the	(b) (4) nave labels that documented sterilization frequency.	
b) Workshon (b) (4) ised for manufacturing that has no printing functions. The electronic data is backed up data.	tion for the electronic data gene (b) (4) with potential	erated during	
of wapping is performed by 4 solid drug and calibration with the composition of the compo	Qualification by	te automatic documentation way of (b) (4) onducted (b) (4)	
A .			
SEE REVERSE OF THIS ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	EMPLOYEE(S) NAME AND TITLE (Print Cynthia Jim, CSO	of or Type) DATE ISSUED 29 AUG 2023	
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