

浙江华海药业股份有眼公司

ZHEJINNG HUNHNI PHNRMNCEUTICNL CO.,LTD.

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CERTIFICATE OF ANALYSIS

Page 1 of 1

Product name		Captor	orilla de la companya de la company	
Batch no.	5102-16-030	Batch Size	300.34Kg	
Batch Type	Commercial	Report Date	2016-06-22	
Retest Date	2019-05	Storage Condition	Preserved in a well-closed container	
Manufacture Date	2016-06-08	Manufacture Site	Xunqiao,Linhai,Zhejiang,317024 China	
Reference	EP8 Specification			
Test Items	Spe	olfications	Results	
Appearance	White or almost white crystalline powder		White crystalline powder	
Solubility	Soluble in water, freely soluble in methanol and in methylene chloride, it dissolves in dilute solutions of alkali hydroxides.		Conforms	
	Specific optical rota	ation: -127~-132°	-131°	
Identification	Infrared absorption spectrum concordant with spectrum obtained with captopril CRS.		Conforms	
Appearance of Solution S	Clear and colorless		Clear and colorless	
pH	2.0~2.6		2.4	
	Impurity A ≤ 1.0%		0.14%	
	Impurity B ≤ 0.15%		N,D	
	Impurity C ≤ 0.15%		N.D(LOD=0.01%)	
Related substances	Impurity D ≤ 0.15%		N.D	
(HPLC)	Impurity E ≤ 0.15%		N.D(LOD=0.02%)	
	Impurity J ≤ 0.20%		<lod(lod=0.006%)< td=""></lod(lod=0.006%)<>	
	Any unspecified impurity ≤ 0.10%		<loq(loq=0.05%)< td=""></loq(loq=0.05%)<>	
	Total impurities ≤ 1.2%		0.14%	
Related Substances (GC)	Impurity F ≤ 0.2%		0.08%	
Heavy Metals	≤20ppm		<20ppm	
oss on Drying	≤1.0%	li li	0.1%	
Sulphated Ash	€0.2%		0.1%	
Assay (Titration)	98.0~101.5% (calc	ulated on dried basis)	100.0%	
Conclusion	Complies with EP8 Specification			

Signature: Linzleyhuni (QC manager)
Signature: Zhao Xiashon (QA manager)

Issued Date:

Issued Date: 2016.06.23

LOTE ACOFARTA: 161549



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CONFIRMATION ON RESIDUAL SOLVENTS IN ACTIVE AND INACTIVE SUBSTANCES ACCORDING TO GUIDELINE CPMP / ICH / 283 / 95

abov "Like solve	e mentioned Guideline ely to be present" refe	e? ers to the solvent (ideline) likely to be present according used in the final manufacturing step and not removed consistently
Yes		No	
If yes	s, please list the solver	nts concerned and t	their maximum concentration in the ma
If yes	s, please list the solver Name of Class 1		their maximum concentration in the maximum concentration (ppm
If yes			



3.

Yes

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If yes, please fill in the following information:

If yes, loss on drying is less than 0.5 %

If no, please fill in the following information:

Name of Class 2 solvent	Concentration Limit as listed in Table 2 of the guideline (ppm)	Material complies with this Conc. Limit (yes/no)	If no, please state the maximum concentration (ppm)
"Likely to be present"	ee Table 3 of the guidelin refers to the solvent use in earlier manufacturing	d in the final manuf	acturing step and to
Yes 🗆	No		

Name of Class 3 solvent

Maximum concentration (ppm)

No



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Place, Date

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validated process.	
Yes	No I
If yes, please list the name	of the solvents:
Responsible Person:	Lucy Liu
Function:	Manager of Regulatory Affairs, API Group

Signature of Responsible Person