TAIZHOU YOUSHENG CHEMICAL CO., LTD

Tel:86-576-89000662 Fax:86-576-89002587 ADD:7TH FLOOR,BLDG 3,WANDA PLAZA,JIAOJIANG,TAIZHOU,ZHEJIANG,CHINA

CERTIFICATE OF ANALYSIS

Batch No.202003003Packing25.0KG/Drun				2020.01.23 2022.01.22			
]	Batch Quantity 1000KG
	Items			Specifications		Results	
01	Description		An off white to pale brown colour powder		An off white coloured powder		
02	Solubility		Sparingly soluble in 0.1N Hydrochloric acid solution and 1.0N Sodium hydroxide solution		Confirms		
03	Identification -HPLC		The retention time of the principal peak in the test sample should match with that of the standard		Conforms		
04	Water content (by KF)		NMT 8.0%		0.96%		
05	Loss on drying		NMT8.0%		0.72%		
06	Specific optical Rotation(On dried basis)		-17.0° -24.0°		-21.94°		
07	Chromatographic purity (by HPLC) -Content of HPA		NMT1.0%		0.12%		
	-Total Impurity			NMT3.0%		0.86%	
08	Enantiomeric Purity(by HPLC)			NMT2.0%	0.08%		

Conclusion: It conforms to the enterprise specifications.

Checked by QC:

Approved by QA:

台州友盛化工有限公司 TAIZHOU YOUSHENG CHEMICAL CO., LTD.

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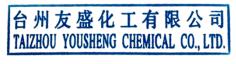
CERTIFICATE OF ANALYSIS

Batch No.20200300Packing25.0KG/Drun		9	9 Manufacture date		2020.01.24 2022.01.23 Enterprise standard	
		n Re-test date				
	Batch Quantity 1000KG			According Ent		
	Items			Specifications		Results
01	Description		An off white to pale brown colour powder		An off white coloured powder	
02	Solubility		Sparingly soluble in 0.1N Hydrochloric acid solution and 1.0N Sodium hydroxide solution		Confirms	
03	Identification -HPLC		The retention time of the principal peak in the test sample should match with that of the standard		Conforms	
04	Water content (by KF)		NMT 8.0%		1.21%	
05	Loss on drying		NMT8.0%		0.69%	
06	Specific optical Rotation(On dried basis)		-17.0° -24.0°		-21.76°	
07	Chromatographic purity (by HPLC) -Content of HPA		NMT1.0%		0.12%	
	-Total Impurity			NMT3.0%		0.80%
08	Enantiomeric Purity(by HPLC)			NMT2.0%	0.10%	

Conclusion: It conforms to the enterprise specifications.

Checked by QC:

Approved by QA:



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TAIZHOU YOUSHENG CHEMICAL CO., LTD

Tel:86-576-89000662 Fax:86-576-89002587 ADD:7TH FLOOR,BLDG 3,WANDA PLAZA,JIAOJIANG,TAIZHOU,ZHEJIANG,CHINA

CERTIFICATE OF ANALYSIS

Batch No.202003010Packing25.0KG/Drun		0	Manufacture date		2020.01.25 2022.01.24 Enterprise standard	
		n Re-test date				
	Batch Quantity 1000KG			According Ent		
	Item	S		Specifications		Results
01	Description		An off white to pale brown colour powder		An off white coloured powder	
02	Solubility		Sparingly soluble in 0.1N Hydrochloric acid solution and 1.0N Sodium hydroxide solution		Confirms	
03	Identification -HPLC		The retention time of the principal peak in the test sample should match with that of the standard		Conforms	
04	Water content (by KF)		NMT 8.0%		0.95%	
05	Loss on drying		NMT8.0%		0.66%	
06	Specific optical Rotation(On dried basis)		-17.0° -24.0°		-21.70°	
07	Chromatographic purity (by HPLC) -Content of HPA		NMT1.0%		0.07%	
	-Total Impurity			NMT3.0%		0.72%
08	Enantiomeric Purity(by HPLC)		NMT2.0%			Not detected

Conclusion: It conforms to the enterprise specifications.

Checked by QC:

Approved by QA:

