



HANGZHOU THINK CHEMICAL CO., LTD.

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ANALYSIS CERTIFICATE

Product Name	SITAGLIPTIN PHOSPHATE MONOHYDRATE		
CAS	[654671-77-9]		
Batch Number	12301-170303	Manufacturing date	Apr.02,2017
Package Size	1.5kg/bag	Re-test date	Apr.01,2019
Quantity	1.5kg	Report date	Apr.21,2017
Analysis basis	USP.39		

Analysis Items	Acceptance criteria	Analysis results
Appearance	White or almost white crystalline powder	White crystalline powder
Identification	IR: The IR spectrum is consistent with that obtained with the reference	Conforms
	Phosphate :Meets the requirements of the silver nitrate precipitation tests for orthophosphates	Conforms
Water	3.3%~3.7%	3.4%
Enantiomer	NMT 0.5%	Not detected
Related substances		
Any other individual impurities	NMT 0.10%	Not detected
Total impurities	NMT 0.5%	Not detected
Assay	98.0%~102.0%	99.5%
Conclusion: The analysis results show that this batch of Sitagliptin Phosphate conforms to USP.39.		