

# 安 庆 沃 德 化 工 有 限 公 司

ANQING WORLD CHEMICAL COMPANY LIMITED

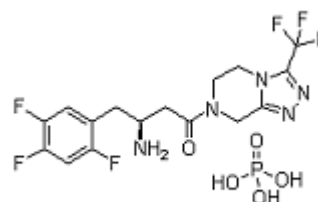
## 检 验 报 告 单

CERTIFICATE OF ANALYSIS

**Product:** Sitagliptin phosphate

品名: 磷酸西他列汀

**CAS:** 654671-78-0



### Molecular Structure:

Batch No. 批号	20121215	Manu. Date 生产日期	2012-12-15
Quantity 批量	100.0kg	Rep. Date 报告日期	2012-12-17
Bource 来源	Workshop 车间	Expiry Date 有效期	24 months
QCS 检验标准	2010 of Enterprise Standard 企业标准 2010 版		

TETS 检验	STANDARD 标准	RESULTS 结果
Appearance	White or almost white powder	white powder
Solubility	Easy to dissolve in the water	Complies
Identification	High-performance liquid chromatograph HPLC	Almost the same
	Infrared absorption	Almost the same
Melting metals:	202.0~204.0°C	203.0-203.5°C
Specific rotation	-18.0° ~ 23.0° (C=1,water)	-21.1°
Heavy metals	≤20ppm	<20ppm
Residue on ignition	≤0.1%	0.01%
Water	≤1.0%	0.4%
Chiral impurity	No more than 1.0%	0.02%
Related impurity	Total impurity no more than 1.0%	0.01%
HPLC assay	98.0%~102.0%	99.9%
Package: Closed packing with moisture-proof plastic bag inside, packing with paper-plate boxes outside. (3kg-25Kg), moisture-proof plastic bag inside, packing with aluminum foil bag outside. (<3kg)		
Conclusion: Complies With Enterprise Standard 2010 符合企业标准 2010 版		

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