



CERTIFICATE OF ANALYSIS

Product name	Vildagliptin	CAS NO.	274901-16-5
Batch No.	190409	Test date	19.04.09
Origin	Our company	Report date	19.04.16
Storage	In dark cool place	Expire date	2.5 years
Standard	In-house	Batch weight	60 Kgs

Test item	Specification	Test result
Appearance	White or whitish solid powder	White solid powder
Distinguish		
High-performance liquid chromatograph HPLC	The retention time of test sample major peak complies to reference standard	Almost the same
IR Infrared spectrometry	The IR spectrum of test sample should comply to reference standard	Almost the same
Inspection		
Water content	No more than 1.0%	0.36%
Residue on ignition	No more than 0.1%	0.04%
Melting point	148-152℃	148.6-149.1℃
Related impurity	Total impurity no more than 1.0%	0.65%
	Any impurity no more than 0.5%	Conforms
Heavy metal	No more than 20ppm	<10ppm
Purity	No less than 99.0%	99.10%
Conclusion:		Eligible