



西玛生物
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Certificate of Analysis

Product and Batch Information			
Product Name:	Vinpocetine	Country of Origin:	P.R. China
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O ₂	Molecular Weight:	350.45
Batch:	CS-VINP-160515	Manufacture Date:	May 15,2016
Analysis Date:	May 15,2016	Expiry Date:	May 14,2018
Item	Specification	Result	Test Method
Active Ingredients			
Assay(% ,on dry basis)	98.5%~101.5%	99.90%	HPLC
Physical Control			
Appearance	Fine crystalline powder	Complies	Visual
Color	White or slightly yellow	Complies	Visual
Identification			
A.Optical Rotation	Should be positive	Positive	BP2010
B.Infrared absorption	Should be positive	Positive	BP2010
Test			
A. Specific optical rotation	(+127°)~(+134°) (dried substance)	(+128°)	BP2010
B. Related substances	Impurity A ≤0.6% Impurity B ≤0.5% Impurity C ≤0.3% Impurity D ≤0.5% Other impurities ≤0.1%	Negative Negative Negative Negative 0.002%	BP2010
Loss on Drying	0.5% Max	0.20%	BP2010
Sulphated ash	0.10% Max	Complies	BP2010
Packing and Storage			
Packing	Pack in paper-drums and a Aluminum foil lined-bags inside. 25kg/Drum		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		

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