



Certificate of Analysis

Product Name	Vinpocetine	Manufacture Date	Jan.13.2023
Batch Number	SW230113	Analysis Date	Jan.14.2023
Batch Quantity	100kg	Expiry Date	Jan.13.2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White or slightly yello, crystalline powder	Conforms
Solubility	Practically insoluble in water, soluble in methylene chloride, slightly soluble in anhydrous ethanol	Conforms
Specific optical rotation	+127°C~134°C	+132.1°C
A.Sepacific optical rotation	Should comply	Conforms
B.IR	Infrared absorption spectrum of test and standard are concordant	Conforms
Loss on drying	≤0.5%	0.22%
Residue on ignition	≤0.1%	0.06%
Related Substances(HPLC)	Impurity A ≤0.6%	0.16%
	Impurity B ≤0.5%	0.31%
	Impurity C ≤0.3%	0.10%
	Impurity D ≤0.5%	N/A
	Unspecified impurities ≤0.1%	0.06%
	Total impurities A ≤1.0%	0.62%
Assay (on dried basis)	98.5%~101.5%	99.4%

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst