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## CERTIFICATE OF ANALYSIS

Product Name	Vinpocetine	Batch Number	SC20200308
Package	1kg/Bag	Manufacture Date	March.08.2020
Country of Origin	China	Expire Date	March.07.2022

Regular Control		
Item	Specification	Test result
Appearance	White or faint yellow crystal powder	Conforms
Solubility	Soluble in dichloromethane, Slightly soluble in absolute ethyl alcohol, almost insoluble in water	Conforms
Melting point	227-230°C	228.8-229.1°C
Specific rotation	+39° -+43.5°	+41.2°
Related substance(HPLC)	Total impurities ≤0.5%	0.15%
	Cefotaxime ≤0.2%	0.07%
Loss on drying	≤0.5%	0.17%
Residue on ignition	≤0.1%	0.05%
Methanol	≤0.3%	Conforms
Dichloromethane	≤0.06%	Conforms
Heavy metal	≤10ppm	Conforms
Arsenic	≤10ppm	Conforms
Loose thickness	≥0.25g/ml	Conforms
Stacking density	≥0.50g/ml	Conforms
Assay	98.5%-101.5%(HPLC)	99.6%
Conclusion	This product conforms to the enterprise standard	

