



Certificate of Analysis

Product name	Vinblastine sulfate	Manufacture date	Oct.01.2023
Batch number	FQ231001	Analysis date	Oct.03.2023
Batch quantity	300kg	Expiry date	Oct.01.2025

Items	Specification	Result
Appearance	Off-white to pale yellow crystalline powder	Off-white crystalline powder
Solubility	Meet the requirements	Meet the requirements
Identification	A: Infrared spectrum should conform	Conform
	B: Should conform	Conform
Specific rotation	+58° ~ +64°	+61°
Loss on drying	≤3.0%	2.3%
pH	4.5~6.5	5.0
Moisture (water) content	≤6.0%	4.6%
Absorbance	≤0.20%	Conform
Absorbance idex	360~390	Conform
Any individual impurity	≤1.0%	0.38%
Sum of all impuroties	≤3.0%	1.4%
Bacterial endotoxins	≤0.20 UPS EU/mg	≤0.20 UPS EU/mg
Sterility	Meet the requirements	Meet the requirements
Assay	≥99.0%	99.81%

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

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Analyst: 方琼

