



Certificate of Analysis

Product name	Serrapeptase	Manufacture date	Jun.14.2024
Batch number	SW240614	Analysis date	Jun.15.2024
Batch quantity	500kg	Expiry date	Jun.14.2026

Characteristic/method	Specification	Result
Appearance	White powder	Conforms
Solubility	Slightly soluble in water	Conforms
Identification	A. Infrared spectrum should conform	Conforms
	B. Should conform	Conforms
Specific rotation	+58° ~ +64°	+60°
Loss on drying	≤3.0%	1.0%
PH	4.5~6.5	5.0
Moisture(water) content	≤6.0%	1.2%
Absorbance	≤0.2%	Conforms
Any individual impurity	≤1.0%	0.38%
Sum of impurity	≤3.0%	1.5%
Bacterial endotoxins	≤0.20 USP EU/MG	Conforms
Assay	98.0%~102.0%	99.94%
S.aureus	100000u/g~200000u/g	165000u/g
Conclusion	Conforming to Enterprise Standard	

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

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