



Nanning ShanWan Biotechnology Co.,Ltd.

Certificate Of Analysis

Product Name:	papain	Part Plant:	PAPAYA LATEX
Origin:	China	Manufacturer:	Shanwan
Batch No.:	25081406	Manufacturer Date:	Aug.14,2025
ITEMS OF ANALYSIS		SPECIFICATIONS	RESULTS
Appearance		White Powder	Conform
Odor		Free of offensive odours	Conform
Mesh		98% pass 80mesh	Conform
pH		4.8-6.2	Conform
Activity of enzyme		≥ 30000 USP U/mg	31320USP U/mg
Loss on drying		$\leq 5.0\%$	3.16%
Loss on ignition		$\leq 5.0\%$	2.83%
Heavy metals		< 20 mg/kg	< 20 mg/kg
Pb		< 2.0 mg/kg	< 2.0 mg/kg
As		< 2.0 mg/kg	< 2.0 mg/kg
Microbiology			
Total Plate Count		$< 10,000$ cfu/g	1,300cfu/g
E.Coli		None detected in 10g	Absent
Salmonella		None detected in 10g	Absent
Yeast and Mould		NMT 100 cfu/g	conform
Storage		STORED HUMIDITY PROTECTED (RH LESS THAN 60) AT TEMPERATURE BELOW 25℃	
Shelf Life		1 Year when Properly Stored	



Quality Manager:
Jianping,Wei

Date: Aug.19,2025