



# Xi'an Green Spring Technology Co.,Ltd

## CERTIFICATE OF ANALYSIS

Product Name	Papain Powder	Botanical Source:	Chaenomeles sinensis(Thouin) Koehne
Plant Part Used:	Fruit	Quantity:	520Kgs
Batch Number	2024082401GS	Manufacture Date	Aug.24,2024
Report Date	Aug.27,2024	Expiry Date	Aug.23,2026
Item of Analysis	Specification	Results	Test Methods
Enzyme activity	100000u/g	10025u/g	UV
<b>Organoleptic</b>			
Appearance	Powder	Conforms	Organoleptic
Color	White powder	Conforms	Organoleptic
Odor	Free of offensive odours	Conforms	CP2010
Taste	The unique fragrance	Conforms	CP2010
<b>Physical Characteristics</b>			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	5%NMT(%)	2.38%	USP<731>
Total ash	5%NMT(%)	3.43%	USP<561>
Bulk Density	45-60g/100mL	49g/100mL	CP2010IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Pesticide Residues	1ppm NMT	0.236 ppm	Gas Chromatography
<b>Heavy Metals</b>			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic(As)	2ppm NMT	Conform	ICP-MS
Cadmium(Cd)	2ppm NMT	Conform	ICP-MS
Mercury(Hg)	0.5ppm NMT	Conform	ICP-MS
<b>Microbiological Tests</b>			
Total Plate Count	1000cfu/g Max	171cfu/g Max	USP<61>
Yeast & Mold	100cfu/g Max	20cfu/g Max	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>
Conclusion:Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free.			
Storage:Stored in cool and dry places. Keep away from strong light and heat.			
Packing:By 25kgs/Drum,inner by plastic bag			
Shelf Life:24 months under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

