



CERTIFICATE OF ANALYSIS

Product Name	Spinach powder	Botanical Name	Spinacia oleracea
Batch Number	2024062701GS	Quantity	745kgs
Manufacture Date	June.27,2024	Analysis Date	June.29,2024
Item of Analysis	Specification	Results	Test Methods
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	green	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	5%NMT(%)	1.28%	USP<731>
Total ash	5%NMT(%)	2.04%	USP<561>
Bulk Density	45-60g/100mL	50g/100mL	CP2010IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy metals			
Heavy Metals	<3 ppm	Conform	USP<231>method II
Arsenic(As)	<0.5ppm	Conform	ICP-MS
Cadmium(Cd)	<0.5 ppm	Conform	ICP-MS
Lead(Pb)	<0.5 ppm	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	<10,000 cfu/g	Conform	USP<61>
Total Yeast & Mold	<1,000 cfu/g	Conform	USP<61>
E.Coli	<10cfu/g	Conform	USP<61>
Coliforms	<10cfu/g	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	<10cfu/g	Conform	USP<61>
Conclusion:Conform with specification.			
Storage: Keep in cool & dry place. Keep away from strong light and heat.			
Packing: By 25kgs/Drum,inner by plastic bag.			
Shelf life: Two Years under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

