



Shaanxi New Things Biotech Co.,Ltd

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Certificate of Analysis

Product Name	Spinach Powder		
Latin Name	<i>Spinacia oleracea</i> L.	Part of Used	Leaf
Country of Origin	China	Representative QTY	2000 Kg
Batch No.	NT20250428	Produce Date	2025-04-28
Analysis Date	2025-05-06	Extract Solvents	Water
Item	Specification	Method	Result
Physical Property			
Appearance	Fine Powder	Organoleptic	Conforms
Color	Green Powder	Organoleptic	Conforms
Odour	Characteristic	Organoleptic	Conforms
Mesh Size	100% through 80 mesh size	USP43<786>	Conforms
General Analysis			
Identification	Identical to R.S. sample	USP39	Conforms
Loss on Drying	≤5.0%	Eur.Ph.10.0[2.2.32]	3.10%
Ash	≤5.0%	Eur.Ph.10.0[2.4.16]	3.00%
Contaminants			
Lead(Pb)	≤3.0mg/kg	Eur.Ph10.0<2.4.10>ICP-MS	0.2mg/kg
Arsenic(As)	≤2.0mg/kg	Eur.Ph10.0<2.4.2>ICP-MS	0.1mg/kg
Cadmium(Cd)	≤1.0mg/kg	Eur.Ph10.0<2.2.58>ICP-MS	0.09mg/kg
Mercury(Hg)	≤0.1mg/kg	Eur.Ph10.0<2.9.32>ICP-MS	0.01mg/kg
Microbiological			
Total Plate Count	≤1000cfu/g	USP43-NF38<2021>	Conforms
Yeast & Mold	≤100cfu/g	USP43-NF38<2021>	Conforms
E.Coli.	Negative	USP43<2022>	Conforms
Salmonella	Negative	USP43<2022>	Conforms
Shelf Life	36 months under the conditions below, no antioxidant used		
Package&Storage	Standard packed in fiber-drum and two plastic bags inside		
	N.W: 25kgs. I.D. 35 x H51 cm		
	Store in a cool,dry place away from Moisture, Light, Oxygen		

QC : Guo Shan

QA: Feng Li