



# Shaanxi New Things Biotech Co.,Ltd

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## Certificate of Analysis

<b>Product Name</b>	Spirulina Powder	<b>Botanical Source</b>	<i>Spirulina plantensis</i>
<b>Batch No.</b>	NT20251213	<b>Manufacturing Date</b>	2025-12-13
<b>Batch Quantity</b>	12,500kg	<b>Expiration Date</b>	2027-12-12
<b>Statement</b>	Non-GMO; Non-irradiation; Vegan Food grade		

Item	Specification	Results	Methods
<b>Description</b>			
Appearance	Deep green fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Identification	Positive	Complies	UV/HPLC
Powder Size	100% through 100 mesh	Complies	100 Sieve
Loss on Drying	≤8.0%	4.3%	CP2015
Ash	≤8.0%	4.6%	CP2015
Protein	≥55%	62.78%	CP2015
Chlorophyll	≥1%	1.21%	CP2015
Carotenoid	≥1%	4.32%	CP2015
Beta-Carotene	≥0.35%	0.39%	CP2015
Phycocyanin	≥8%	13.3%	CP2015
<b>Heavy Metals</b>			
Total Heavy Metals	≤10 mg/kg	Complies	AAS
Arsenic (As)	≤0.5 mg/kg	Complies	AAS
Cadmium (Cd)	≤0.2 mg/kg	Complies	AAS
Lead (Pb)	≤2.0 mg/kg	Complies	AAS
Mercury (Hg)	≤0.05 mg/kg	Complies	AAS
<b>Microbiology</b>			
Total Plate Count	≤30,000 cfu/g	Complies	CP2015
Molds and Yeasts	≤100 cfu/g	Complies	CP2015
E. Coli	Negative/1g	Complies	CP2015
Salmonella	Negative/25g	Complies	CP2015
<b>Packing and Storage</b>	Packed in paper-drums and two plastic-bags inside.		
<b>Shelf Life</b>	2 Year When Stored properly		

Qc.Manager: Gloria Yang

Check: Pengpeng

Analyst: GuoShan

