

NINGXIA NUO HEALTH FOOD CO.,LTD

ROOM 1408 BUILDING C INTERNATIONAL TRADE CENTRE,
NO.110 WENHUA WEST STREET,XINGQING DISTRICT,
YINCHUAN CITY,NINGXIA,CHINA

检测报告 Certificate of Analysis

Product Name: Spirulina Powder
Botanical Name: Spirulina Maxima
Manufacturing Date: 15/07/2023
Date of Expiry: 14/07/2025
LOT NO.: 64NH2307158YJ

Country of Origin: China
Part Used: Whole Plant
Shelf-Life: 24 Months
Pack Size: 10kg/Drum

Testing Item	Specification	Test Result	Test Method
Appearance	Fine Dark Green Powder	Fine Dark Green Powder	Organoleptic
Identification	Complied to Standard	Complied to Standard	Scientific Method
Sensory	Taste like seaweed	Taste like seaweed	Organoleptic
Moisture	≤ 7.0 %	6.40%	GB 5009.3-2016
Ash	≤ 8.0 %	7.3%	GB 5009.4-2016
Chlorophyll	11-14 mg/g	11.3mg/g	SN/T 1113-2002.
Carotenoid	4.0-5.5 mg/g	4.15mg/g	DB 53/T 186-2014
Crude Phycocyanin	12-19 %	15.5%	UV Spectrophotometry
Protein	≥ 60 %	62%	GB 5009.5-2016
Particle Size	100% through 100 mesh	100% through 100 mesh	AOAC 973.03
Bulk density	0.40-0.70g/ml	0.58g/ml	USP
Heavy Metals			
Inorganic arsenic	≤ 0.5 ppm	0.42ppm	GB5009.11-2014
Lead	≤ 0.5ppm	0.27ppm	GB 5009.12-2017
Cadmium	≤ 0.1ppm	0.04ppm	GB 5009.15-2014 GFAAS
Mercury	≤ 0.1ppm	0.03ppm	GB 5009.17-2021
Polycyclic Aromatic Hydrocarbons(PAH)			
PAH4	<50ppb	28ppb	GC-MS
Benzo(a)pyrene	<2ppb	0.8 ppb	GC-MS
Microbiological Test			
Aerobic Plate Count	≤ 100,000 cfu/g	9000cfu/g	GB 4789.2-2016
Yeast and Mold	≤ 300 cfu/g	≤ 10cfu/g	GB 4789.15-2016
Coliform	<10 cfu/g	<10cfu/g	GB 4789.3
E.coli	Negative/10g	Negative/10g	GB 4789.38
Salmonella	Negative/10g	Negative/10g	GB 4789.4-2016
Staphylococcus aureus	Negative/10g	Negative/10g	GB 4789.10-2016
Aflatoxins	≤ 20 ppb	Complied	GB5009.22-2016
Dead mites	Negative/10g	Negative	USP

Regulatory/Labelling: Non-irradiated, non-GMO, no allergens

Storage Condition: Store in tightly closed plastic bag and keep in a cool dry area. Do not freeze. Keep away from strong direct light.