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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

Product Name : Organic Spirulina Powder
Botanical Name: Arthrospira platensis
CAS No: 724424-92-4
Country of Origin: China
Shelf-Life: 24 Months
Packaging: 25 kg bag

Testing Item	Specification	Test Method
Appearance	Fine Dark Green Powder	Organoleptic
Identification	Complied to Standard	Scientific Method
Sensory	Taste like seaweed	Organoleptic
Moisture	≤ 8.0 %	GB 5009.3-2010
Ash	≤ 8.0 %	GB 5009.4-2010
Chlorophyll	11-14 mg/g	UV Spectrophotometry
Carotenoid	4.0-5.5 mg/g	AOAC 924.04
Crude Phycocyanin	12-19 %	UV Spectrophotometry
Protein	≥ 60 %	GB 5009.5-2010
Particle Size	100% through 100 mesh	AOAC 973.03
PCB	Negative	USP
Gluten	Negative	USP
Heavy Metals		
Inorganic arsenic	≤ 0.5 ppm	ICP/MS or AAS
Lead	≤ 0.5 ppm	ICP/MS or AAS
Cadmium	≤ 0.1 ppm	ICP/MS or AAS
Mercury	≤ 0.1 ppm	ICP/MS or AAS
Polycyclic Aromatic Hydrocarbons (PAH)		
PAH4	< 10 ppb	GS-MS
Bap	< 2 ppb	GS-MS
Microbiological Test		
Aerobic Plate Count	≤ 100,000 cfu/g	GB 4789.2-2010
Yeast and Mold	≤ 1000 cfu/g	FDA BAM 7 th ed.
Coliform	10 cfu/g	AOAC 966.24

E.coli	Negative/10g	USP <2022>
Salmonella	Negative/10g	USP <2022>
Staphylococcus aureus	Negative/10g	USP <2022>
Aflatoxins B1+B2+G1+G2)	< 20 ppb	HPLC
Aflatoxins B1	< 5ppb	HPLC
Microcystins	<1ppb	HPLC

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.