

Product name	Spirulina Powder (<i>Spirulina platensis</i>)
Quality Grade	BIO (DE-ÖKO-039)
Registration No Positive List Feed	08.06.01
Feed Registration Number Distributor	41-LAVES-121709
Batch Nummer	YJOGS210502
Production Date	02.05.2021
Expiry Date	02.05.2023
Country of Origin	China

Testing Item	Specification	Test Result	Test Method
Appearance	Fine Dark Green Powder	Fine Dark Green Powder	Organoleptic
Particle Size	100% through 180µm	100% through 180µm	AOAC 973.03
Sensory	Taste like seaweed	Taste like seaweed	Organoleptic
Moisture	< 8,0 %	6,7 %	GB 5009.3-2010
Ash	< 8,0 %	6,8 %	GB 5009.4-2010
Chlorophyll	11-14 mg/g	12 mg/g	UV Spectrophotometry
Carotenoid	4,0-5,5 mg/g	4,1 mg/g	AOAC 924.04
Crude Phycocyanin	12-19 %	13 %	UV Spectrophotometry
Protein	> 60 %	62,3 %	GB5009.5-2010
Heavy Metals			
Inorganic Arsenic	< 0,5 ppm	0,43 ppm	ICP/MS or AAS
Lead	< 0,5 ppm	0,18 ppm	ICP/MS or AAS
Cadmium	< 0,1 ppm	0,02 ppm	ICP/MS or AAS
Mercury	< 0,1 ppm	0,02 ppm	ICP/MS or AAS
Polycyclic Aromatic Hydrocarbons (PAH)			
PAH 4	< 25 ppb	7 ppb	GS-MS
Sum of Benz(a)pyrene	< 2 ppb	0,5 ppb	GS-MS
Microbiological Test			
Aerobic Plate Count	< 100.000 CFU/g	51.000 CFU/g	GB 4789.2-2010
Yeast and Mold	< 300 CFU/g	50 CFU/g	FDA BAM 7 th ed.
Coliform	< 10 CFU/g	< 10 CFU/g	AOAC 966.24
E.coli	Negative/10g	Negative	USP <2022>
Salmonella	Negative/10g	Negative	USP <2022>
Staphylococcus aureus	Negative/10g	Negative	USP <2022>
Aflatoxins	< 5 ppb	Complied	HPLC
Pesticides	Negative	Complied	FDA302

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