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## Certificate of Analysis



<b>Article-No:</b>	<b>ALG029</b>
<b>Description:</b>	<b>Organic Spirulina Powder</b>
<b>Batch-No.</b>	<b>OSP0320220623</b>

<b>Manufacturing date:</b>	23.06.2022
<b>Expiry date:</b>	22.06.2026

<b>Characters / Appearance:</b>	Colour	Dark green powder
	Taste	typical, without deviation
	Structure	fine, uniform powder

<b>Usage:</b>	Natural foods, organic foods, food supplements
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<b>Origin:</b>	Asian Country
<b>Plant origin:</b>	Arthrospira platensis

<b>Information production process:</b>	spray dried
<b>Drying factor:</b>	10

<b>Transport / Storage:</b>	Storage at 0°C - 20°C, away from sunlight. Do not leave in an open condition to avoid external contamination and preventing nutrient deterioration
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<b>Analytical data:</b>			
			<u>Analysis methods</u>
<b>Assay (%):</b>	protein	69%	GBA analysis
	phycocyanin	13.29%	USP
<b>Galenical parameter:</b>	particle size	100% though 80 meh	best industry practice
<b>Purity:</b>	Moisture	<7.7%	USP
	total ash	<5.6%	USP

<b>Microbiology:</b>	TAMC	16.000 cfu/g	GBA analysis
	TYMC	<10 cfu/g	GBA analysis
	Salmonella	neg. /25g	GBA analysis
	Staphylococcus aureus	neg. /25g	GBA analysis
	Shigella	neg. /25g	GBA analysis
	Coliform	<10 cfu/g	GBA analysis
<b>Heavy metals:</b>	Arsenic	0.27 µg/g	GB
	Cadmium	0.01 µg/g	GB
	Lead	0.08 µg/g	GB
	Mercury	<0.01 µg/g	GB
<b>Pesticides:</b>		conforms to EU specs	GC-MS, AOAC
<b>Toxins:</b>	Benzo(a)pyrene	BQL: 10µg/kg	best industry practice
	Aflatoxins B1, B2, G1, G2	BQL: 0.5-1.0 mg/kg	best industry practice
	Sum PAH-4	BQL: 50µg/kg	best industry practice

<b>Statement:</b>	The analytical data listed above are analysed by our suppliers. These data are based on current knowledge and experience. Variations are possible as this is a natural product. Improper handling and storage could influence the quality of the product.
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<b>GMO:</b>	Product is not genetically modified and conforms to Regulation (EC) No. 1829/2003 and 1830/2003.
<b>Allergens:</b>	In accordance with Regulation (EC) No. 1169/2011 and does not contain any of the specified allergens
<b>Irradiation:</b>	Product is not treated by irradiation and does not contain any excipients which are treated by irradiation in accordance to Regulation (EC) No. 1998/2 and 1999/3.

<b>Confirmation:</b>	Herewith we confirm that the produced and delivered product conforms to this specification. The specification is as of now valid. New specification will be verified and released by us only. For deviations please contact Fit Ingredients GmbH immediately.
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<b>Issued on (Vendor)</b>	2023-03-07
ISSUED by Anita Coric	
Released by Alexandra Schmid-Riedl	2024-05-21