

CERTIFICATE OF ANALYSIS

Date of issue	05-Sep-2017	
Product name	Spirulina Powder, <i>Arthrospira platensis</i>	
Product code	10666	
batch no.	WE17080026-07 to -10	
Reference no.	1606-7 to -10	
Manufacturing date	June 2016	
Expiry date	June 2019	
Storage conditions	Store in well closed container and in dry and cool place	
Country of origin	China	
Appearance	Dark green powder	
Odour & Taste	Characteristic	
Test Item	Specification	Result
Protein	≥ 60 %	69.1 %
Moisture	≤ 8.0 %	5.18 %
Minerals/Ash	≤ 10 %	7.20 %
Lead	≤ 3.0 ppm	0.48 ppm
Arsenic	≤ 2.0 ppm	0.34 ppm
Mercury	≤ 0.1 ppm	0.02 ppm
Cadmium	≤ 1.0 ppm	0.08 ppm
Mesh size	80 mesh	Conforms
Microbiology		
TAMC	≤ 5 x 10 ⁵ cfu/g	Conforms
TYMC	≤ 5 x 10 ⁴ cfu/g	Conforms
E.-coli	Negative /g	Conforms
Salmonella	Negative /25g	Conforms
Manufacturer certifies:		
Food grade	Product is apt for human consumption.	
Irradiation	Product has not been treated with ionizing radiation and does not contain any ingredients which have been treated with ionizing radiation.	
GMO	Product does not contain or consist of GMO's and is not produced from or does not contain ingredients produced from GMO's acc. to Regulations (EC) no. 1829/2003 and 1830/2003. Product does not require GMO-labelling acc. to Reg.(EC) 1829/2003 and 1830/2003.	
Nanomaterials	Product does not contain and is not in the form of engineered nanomaterials referred to Reg. (EC) 1169/2011 in point (t) of Article 2(2).	
Allergens	Product is free of allergens according to Regulation (EC) No 1169/2011	
Doping Substances	Product does not contain any doping substances listed on current WADA PROHIBITED LIST.	
Pesticides	Product is conform to the European Regulation, Directive 396/2005/CE and its modifications.	

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Vegan	Product is suitable for vegan consumption.
Kosher	Product is kosher certified.
Natural Origin	Product is 100% from natural source.
Melamine	Product is free from melamine.

**Test report of combined sample containing all batches of WE17080026-1 to -13
on behalf of Dr. Behr GmbH, performed by German lab., 28-Aug-2017**

Parameter	Result	Method
TAMC	4.4 x 10 ³ cfu/g	Ph. Eur. 8 – 2.6.12B
TYMC	< 100 cfu/g	Ph. Eur. 8 – 2.6.12B
Bile-salt tolerante, gram-neg. bacteria	< 100 cfu/g	Ph. Eur. 8 – 2.6.13B
E. coli	n.d.	Ph. Eur. 8 – 2.6.31
Salmonella	n.d.	Ph. Eur. 8 – 2.6.31
Hg	0.016 ppm	DIN EN 15763 (2010-04)
As	0.030 ppm	DIN EN ISO 17294 (2005-02)
Pb	0.72 ppm	DIN EN ISO 17294 (2005-02)
Cd	0.099 ppm	DIN EN ISO 17294 (2005-02)
Benzo(a)pyrene	2.3 µg/kg	ASU §64 LFGB L 07.00-40, HPLC-UV/FLD
PAH 4	25.5 µg/kg	ASU §64 LFGB L 07.00-40, HPLC-UV/FLD

Data as received by our supplier / manufacturer. This information is given without obligation and does not exempt the buyer from carrying out own investigations and tests in order to ascertain the products specific suitability for the purpose intended. The buyer is solely responsible for the application, utilisation and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party.