

Certificate of Analysis

Product Name: Organic Spirulina Tablet
 Botanical Name: Arthrospira platensis
 Shelf-Life: 36 Months

Manufacturing Date: Apr.11,2018

Lot number: SRORGLXZ180405P

Quantity: 4500 kg

Testing Item	Specification	Test Result	Test Method
Appearance	Blue-Green round tablet	Complies	Organoleptic
Odor	Spirulina Characteristic	Complies	Organoleptic
Identification	Complied to Standard	Complies	Scientific Method
Moisture	≤ 8.0%	6.19%	GB 5009.3-2016
Ash	≤ 10.0%	6.9%	GB 5009.4-2016
Tablet size	400 mg ±5%	Complies	AOAC 973.03
Hardness	≥ 40 N	Complies	Hardness tester
Friability	≤ 1%	< 1%	CP2015-0923
Microcystin	≤ 10 ppb	Negative	AOAC Immunoassay
Protein	≥ 55%	65.3%	GB 5009.5-2016
Heavy Metals			
Arsenic	≤ 0.7 ppm	0.27 ppm	GB5009.11-2014 (AFS)
Lead	≤ 1.2 ppm	0.19 ppm	GB5009.12-2017 (AAS)
Cadmium	≤ 0.3 ppm	0.0092 ppm	GB5009.15-2014 (AAS)
Mercury	≤ 0.1 ppm	Not Detected (< 0.007 ppm)	GB5009.17-2014(AFS)
Polycyclic Aromatic Hydrocarbons (PAH)			
Sum of Benz(a)anthracene, Chrysene, Benzo(a)pyrene, Benzo(b)fluoranthene	< 25 ppb	Complies	GS-MS
Benz(a)pyrene	< 10 ppb	Complies	GS-MS
Microbiological Test			
Aerobic Plate Count	≤ 100,000 cfu/g	75000 cfu/g	GB 4789.2-2016
Yeast and Mold	≤ 300 cfu/g	Mould <10cfu/g Yeast<10cfu/g	GB 4789.15-2016
Enterobacteriaceae	< 10 cfu/g	< 10 cfu/g	GB 4789.41-2016
Coliforms	< 10 cfu/g	< 10 cfu/g	GB 4789.3-2016
E.coli	< 3.0 MPN/g	< 3.0 MPN/g	GB 4789.38-2012
Salmonella	Not Detected/25 g	Not Detected/25 g	GB 4789.4-2016
Staphylococcus aureus	Not Detected/25 g	Not Detected/25 g	GB 4789.10-2016
Aflatoxins	≤ 2 ppb	Negative	HPLC



Datum: 04.06.2018

Erstellt durch: Irina Baierl