



NEW PHOENIX RISING

Certificate of Analysis

Product Description:

100% pure having no preservatives, dyes, pesticides or radiation used in its production; fine dark green powder. Made in U.S.A.

Species Name: *Spirulina (Arthrospira) platensis*

Plant Part: *Whole*

Lot Number: 18311 **MFD:** 7/2/2018 **EXPD:** 7/2/2022

Analytical

TEST	RESULTS	SPECIFICATION	METHOD
Particle Size (#40 mesh through)	Pass	98%	USP29 786
Bulk Density (kg/L)	0.55	0.3 - 0.6	USP24 NF 19 616 (Modified)
Moisture (%)	5.5	<= 7.0	AOAC 935.29A/925.09B
Ash (%)	7	<= 12	AOAC 923.03/942.05 (Modified)
Crude Protein (%)	65.0	>= 55.0	AOAC 2001.11
Chlorophyll (%)	1.2	>= 0.9	Vonshak 1997Spirulina platensis (Arthrospira) Physiology, cell biology and biotechnology p.214 (modified)
Total Carotenoids (mg%)	514	>= 400	AOAC 941.15 (Modified)
βcarotene (mg%)	211	>= 160	AOAC 941.15 (Modified)
Phycocyanin (%)	20.1	>= 15.0	In-house
Lead (ppm)	0.046	<= 0.166	AOAC 993.14 / 2011.19 (Modified)

Microbiological

TEST	RESULTS	SPECIFICATION	METHOD
Standard Plate Count (cfu/g)	6,300	<= 50,000	AOAC 990.12
Coliform (cfu/g)	Negative	Negative	AOAC 991.14
Ecoli (cfu/g)	Negative	Negative	AOAC 991.14
Yeast (cfu/g)	<10	<= 40	AOAC 997.02
Mold (cfu/g)	100	<= 100	AOAC 997.02

8/1/2018

Date