



POWER
Organics

CERTIFICATE OF ANALYSIS LOT # AFA-1245.292.16

Date of Manufacture: 10/2016
Best Used by Date: 10/2019

Country of Origin: USA
Certifications: OTCO Certified Organic

Description


Common Name: Klamath Blue Green Algae
Latin Name: Aphanizomenon flos-aquae
Appearance: Dark green powder
Odor/Flavor: Characteristic
Sterilization Method: None

Excipients/Additives: None
Solubility: 100% in water
Process: BioActive Dehydration
Particle size: NLT 42 mesh
Texture: Fine powder

<u>Analysis</u>	<u>Specification limits</u>	<u>Results</u>	<u>Method</u>
Total plate count	<100,000 CFU/g	5,700 CFU/g	USP <2021>
Coliform count	<100 MPN/g	Negative MPN/g	FDA-BAM 4.03 8 TH Ed.
E. coli count	Absent per 25 g	Absent 25 g	USP <2022>
E. coli	<3 MPN/g	<3 MPN/g	AOAC 966.24
Salmonella	Absent per 10 g	Absent per 10 g	USP <2022>
Staphylococcus aureus	Absent per 10 g	Absent per 10 g	USP <2022>
Yeast	<1,000 CFU/gm	<10 CFU/g	USP <2022>
Mold	<1,000 CFU/gm	<10 CFU/g	USP <2021>
Moisture	<7 % by wt.	6.05 % by wt.	AOAC 930.15
Microcystin	<1 PPM	<0.1 PPM	HPLC-PDA
Mercury	<1.5 PPM	.171 PPM	ICP/MS USP <730>
Lead	<.25 PPM	.031 PPM	ICP/MS USP <730>
Inorganic Arsenic	<3 PPM	.088 PPM	ICP/MS USP <730>
Cadmium	<2.5 PPM	.027 PPM	ICP/MS USP <730>
Product identification	Positive identity	Positive identity	UV-VIS*


*UV-VIS – for positive identification the sample must exhibit maxima at 665, 410 and 335 nm.

Other: Klamath Blue Green Algae is GMO and Gluten Free. This product has not been irradiated. Store in a cool, dry place under 85 degrees F to preserve maximum freshness.


VaLon D. Ralls, General Manager, Power Organics, Inc.

Date

12/18/2016


Pamela Shields, QA/QC, Power Organics, Inc.

Date

12/18/2016

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