

Specifications – Whole AFA Powder™ - All types

Product Characteristics

AFA Powder™	Whole Organism
Order	<i>Nostocales</i>
Family	<i>Nostocaceae</i>
Genus	<i>Aphanizomenon</i>
Species	<i>Aphanizomenon flos-aquae</i>

Physical Characteristics

Appearance	Ground powder (2 - 70 mesh)
Color	Dark Green to Turquoise
Odor / Taste	Slight Marine
Moisture	≤ 7% [†]
Density	For Information Only

Methods

DLT LABO-S109
DLT LABO-S105

Marker Compounds

Phycocyanin	≥ 8% [†]	DLT LABO-S102
Phenylethylamine	≥ 0.5% [†]	DLT LABO-S104

Microbiology

Total Plate Count	Less than 100,000 cfu/g	DLT LABO-S110
Total Coliforms	Less than 1,000 cfu/g	DLT LABO-S110
Mold & Yeast	Less than 1,000 cfu/g	DLT LABO-S110
S. Aureus	Less than 100 cfu/g	DLT LABO-S110
E. Coli	Negative / 1 gram	DLT LABO-S110
Salmonella	Negative / 25 grams	FDA BAM

Contaminants

Microcystin Toxin	≤ 1 ppm [†]	DLT LABO-S111
*Arsenic Inorganic	Not more than 2 ppm [†]	AOAC 993.14
*Cadmium	Not more than 1 ppm [†]	AOAC 993.14
*Lead	Not more than 2 ppm [†]	AOAC 993.14
*Mercury	Not more than 0.5 ppm [†]	AOAC 993.14
*Organophosphorus Pesticides	Non Detect	
*Organochloride Pesticides	Non Detect	EPA 8081B, 8141B, 8270D, 8321B
*Pyrethroid Pesticides	Non Detect	

Regulatory Status & Safety

Stability Considerations	Stable
Incompatibility with	None
Hazardous Decomposition Products	None known
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None
Hazardous Polymerization:	Will not occur
Spill / Leakage Procedures	If material is released or spilled: sweep up with broom and discard. Water disposal method: Dispose of in accordance with local, state and Federal regulations.
Worker Skin Protection	Normal work wear

*Skip Lot testing performed for this product.

[†]Results rounded to the nearest 10th.

