



NEW EARTH™

Certificate of Analysis

Each lot of New Earth supplement is validated by testing for purity and potency in our internal lab and ISO 17025 accredited labs.

Product Name:	Wild Algae Blend 3.5 oz (99 g)
Quality Control Number:	PL1
Manufacture Date:	04/2017
Shelf life:	2 years



Certifications: USDA Organic, Star K Kosher, Paleo Foundation

Ingredients:

Wild Microalgae™ (*Aphanizomenon flos-aquae*). Origin - Oregon, US

Vegan

No artificial flavors, colors, or preservatives

No allergens

No gluten

Manufactured in a FDA Good Manufacturing Practices (GMP) registered facility.

Manufactured in a GMP for Sport® registered facility.

Facility registered by NSF International.



Manufactured in the USA

PRODUCT PROFILE	SPECIFICATION	METHOD	RESULTS
PLANT PART USED	Whole	Organoleptic	Conforms
APPEARANCE	Green Powder	Organoleptic	Conforms
AROMA & TASTE	Characteristic	Organoleptic	Conforms

PARTICLE SIZE	90 - 95% through 50 Mesh	Sieve analysis	Conforms
BULK DENSITY	0.2 - 0.7 g/mL	SOP 03.044 <USP 616>	Conforms
% MOISTURE	<8%	SOP 03.015	Conforms
POTENCY	SPECIFICATION	METHOD	RESULTS
IDENTIFICATION	Characteristic spectra	FT-IR	Matches reference
CHLOROPHYLL	>5 mg/g	UV-VIS – AOAC 942.04	Conforms
PURITY	SPECIFICATION	METHOD	RESULTS
INORGANIC ARSENIC	< USP 2232 and NSF 173 PDE limits	EPA 1632	Conforms
LEAD	< USP 2232 and NSF 173 PDE limits	EPA 6020a	Conforms
MERCURY	< USP 2232 and NSF 173 PDE limits	EPA 6020a	Conforms
CADMIUM	< USP 2232 and NSF 173 PDE limits	EPA 6020a	Conforms
PESTICIDES (organophosphates Organochlorides, carbamates)	Meets US & European Pharmacopeia Pesticide Residue Limits	USP <561>	Conforms
AFLATOXIN	<20 ppb	ELISA	Conforms
MICROCYSTIN	<1 ppm (ODA)	ELISA	Conforms
MICROBIOLOGICAL	SPECIFICATION	METHOD	RESULTS
TOTAL PLATE COUNT	<10,000 CFU/g (USP/NSF)	SOP 03.011 - AOAC 988.18	Conforms
YEAST AND MOLD	<1,000 CFU/g (USP/NSF)	SOP 03.013 – AOAC 2014.05	Conforms
COLIFORM	<100 CFU/g (USP/NSF)	SOP 03.012 - AOAC 991.14	Conforms
E. COLI	Absent in 10 grams (USP/NSF)	SOP 03.012 - AOAC 991.14	Negative
SALMONELLA	Absent in 25 grams (USP/NSF)	SOP 03.027 – FDA BAM:Salmonella	Negative
Staphylococcus	Absent in 10 gram (USP/NSF)	SOP 03.040 - AOAC 2003.07	Negative

USP – United States Pharmacopeia
NSF – NSF International
ODA – Oregon Department of Agriculture

PDE – Permitted Daily Exposure

Approved by: 

Date: 07/26/2017

J. P. Woods, Quality Manager