



Product Specification Sheet

Trade Name: SENTRAMIN MINERAL POWDER
Code #: 01522

INGREDIENT STATEMENT

SenTraMin® Minerals are natural water-soluble minerals derived from Senonian Vegetate™. Vegetarian, Plant Based Food Ingredient, Independent GRAS Affirmed

PRODUCT CHARACTERISTICS

Classification:	Food Grade, Plant Based, Ionic Colloidal Trace Minerals
CAS #:	N/A
Form:	Powder
Solubility:	Soluble in water
Flavor:	Characteristic
Kosher:	Pareve per Orthodox Union
Organic:	Yes – Not Certified
GRAS:	Yes – (See page 2)
Halal:	None
GMO:	None
Vegan/Vegetarian:	Yes
Allergens:	None (See page 2)
BSE:	No Animal – 100% Vegan (See page 2)
Preservatives:	None

PRODUCT PROFILE

<u>METHOD</u>	<u>SPECIFICATION</u>	
Particle Analysis	FCCM P.2.1	95% through U.S.A. #40 sieve
Moisture	FCCM P.1.1	8.0% Maximum
Identification	FTIR	Characteristic
Irradiation Detection	PSL	Negative
Color	Visual	Beige to White

ACTIVE ASSAY

<u>METHOD</u>	<u>SPECIFICATION</u>	
Trace Minerals	HPLC	Average 75 Detected (see website)

PROFILE ANALYSIS

<u>METHOD</u>	<u>SPECIFICATION</u>	
Heavy metals by ICP-MS	AOAC 993.14M	NMT 20 ppm
Arsenic	AOAC 993.14M	NMT 5 ppm
Cadmium	AOAC 993.14M	NMT 10 ppm
Lead	AOAC 993.14M	NMT 1 ppm
Mercury	AOAC 993.14M	NMT 0.5 ppm

MICROBIOLOGICAL PROFILE

<u>METHOD</u>	<u>SPECIFICATION</u>	
Total Aerobic Plate Count	AOAC 990.12	NMT 1,000 CFU/g
Yeast and Mold	AOAC 997.02	NMT 100 CFU/g
Coliform	AOAC 991.14	NMT 50 CFU/g
E. Coli	AOAC 991.14	Less than 10 CFU/g
Salmonella	Modified FDA BAM	Negative/25g
Coag. Pos. Staph.	Modified FDA BAM	Negative/g

PACKAGING AND STORAGE

Pack Size:	20 kg
Packaging:	Polyethylene liner, Fiber Drum with steel ring lock and tamper evident seal.
Storage:	Ambient Temperature, Keep Dry, Tightly Sealed.
Expiration/Retest Date:	3 years from manufacture date. Julian dating used.
Tariff Code for Import:	2106.90.7090 "Dried Vegetable Powder for Food Preparation"
Country of Origin:	USA



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ALLERGEN STATEMENT

SenTraMin does not contain any Soy, Wheat, Dairy, Eggs, Fish, MSG, Corn, Peanut, Safflower, Sesame, Tree Nut, Rice, Yeast, Sugar or Alcohol.

GLUTEN STATEMENT

SenTraMin is Gluten Free.

GMO STATEMENT

SenTraMin is GMO Free and does not contain any Genetically Modified Organisms.

BSE STATEMENT

SenTraMin is BSE Free. There are no animal derived products in this product nor has product been in contact with any equipment used to process animal products.

ETO STATEMENT

No Ethylene Oxide is used to sterilize any equipment used in the manufacturing of SenTraMin.

PHTHALATE STATEMENT

No Phthalate plasticizers such as DEHP, DBP and BBP are found in SenTraMin.

KOSHER STATEMENT

SenTraMin is Kosher Certified by OU.

GRAS STATEMENT

SenTraMin Minerals is generally recognized as safe (GRAS) by an expert third-party food safety review board that have individually and collectively critically evaluated studies regarding the source material and finished product. The board unanimously concluded that the intended use of SenTraMin Minerals from ancient peat known as Senonian Vegetate™, produced in accordance with cGMP and meeting appropriate foodgrade specifications, to be added to foods such as beverages and nutritional bars at a level not exceeding 150 mg/serving, and dietary supplements not exceeding 30mgs/kg of body weight/day, is generally recognized as safe (GRAS) based on scientific procedures.