

Product Specification			
<b>Product Name:</b>	Spirulina 100mg PSF		
<b>Item Number:</b>	CAT1012	<b>Version No.</b>	01

Physical Characteristics			
Parameter	Spec limit (per unit)	Units	Method
<b>Color*</b>	Dark green		SOP MAN-0000037
<b>Flavor</b>	Mixed berries		SOP MAN-0000037
<b>Shape</b>	Berries		SOP MAN-0000037
<b>Average Weight</b>	3.0 ±10%	gr	SOP MAN-0000037
<b>Coating</b>	Oil		

Composition			
Ingredient	**Spec limit (Per unit)	Units	Method***
Spirulina Powder (Protein)	≥100.0 (≥60.0)	mg	
Vitamin C (as ascorbic acid)	≥45.0	mg	
<b>Other Ingredients</b>	Fructo oligosaccharides (FOS), Water, Stabilizers (Pectin, agar Agar, tapioca starch), Natural flavor, Citric acid, Trisodium citrate, Carnauba wax.		

Microbiology			
	Spec limit	Units	Method
<b>Total viable aerobic count (TAMC)</b>	<1000	CFU/g	
<b>Total combined Yeast/Mold (TYMC)</b>	<100	CFU/g	
<b>Bile tolerant GR NEGATIVE bacteria</b>	<10	CFU/g	

Heavy Metals****			
	Spec limit	Units	Method
<b>Mercury</b>	<0.1	ppm	
<b>Cadmium</b>	<0.15	ppm	
<b>Lead</b>	<0.5	ppm	
<b>Arsenic</b>	<1	ppm	

Certifications	
	Yes / No
<b>Kosher</b>	Yes
<b>Halal</b>	Yes
<b>Gluten-free</b>	Yes
<b>Top-Gum is certified according to the following standards:</b>	ISO 9001, FSSC: 22000, BRC and GMP

Storage and Shelf Life	
<b>Storage Conditions</b>	Product should be stored in an unopened packaging, at room temperature, and not above 25°C, dry place and out of direct sunlight or spotlight.
<b>Shelf Life</b>	The recommended product shelf life is twenty-four (24) months***** from the date of manufacture, packaged not later than 6 months from manufacturing date, in unopened and sealed HDPE or PET bottle with aluminum foil seal in accordance with Storage Conditions.
<b>Packaging</b>	1 kg PET/PP bags bulk packaged

\* Due to the fact of using only natural coloring agents, the color of the product might change if not stored according to the recommended storage conditions.

\*\* The tolerances values for vitamins and minerals are according to the required by the customer.

\*\*\* The test methods and the frequency of the tests will be performed according to the company's internal procedures as determined by it from time to time, or as set forth in a purchase order or agreement between Top Gum and the customer.

\*\*\*\* Tests are performed periodically according to our SOP

\*\*\*\*\* Based on 6 months accelerated study was conducted on a sealed HDPE or PET bottle with aluminum foil seal, at 35°C and 60% RH

Allergen	As an ingredient		Risk for cross-contamination		
	Yes	No	Used in the same line	Used in the same plant	Specify the allergens present of this group
Cereal protein (e.g., wheat, barley, rye, oats etc.) gluten and products thereof		X			
Crustaceans and products thereof		X			
Eggs and products thereof		X			
Fish and products thereof		X	X		Fish Gelatin
Peanuts and products thereof		X			
Tree Nuts: Almond, Beech nut, Butternut, Buckwheat, Chestnut, Coconut, Ginko nut, Hickory nut, Lychee Nut, Macadamia Nut/Bush Nut, Pecan, Pine Nut/Pinon Nut, Pistachio, Sheanut, Walnut, Filbert/Hazelnut, Cashew, Brazil nut. and products thereof		X			
Soybeans and products thereof		X			
Milk and products thereof		X			
Celery and products thereof		X			
Mustard and products thereof		X			
Sesame seeds and products thereof		X			
Sulphur Dioxide and sulphites (concentrations > 10 mg/kg or 10 mg/L)		X			
Lupines and products thereof		X			
Molluscs and products thereof		X			

TopGum Approval			
Position	Name	Signature	Date
R&D manager	Miri Ritz		27.04.23
Customer Approval			