

## Product Specification

<b>Product Name:</b>	<b>Honey Energizer PS Option 1</b>		
<b>Item Number:</b>	<b>4991620</b>	Version No.	01
<b>Changes from Previous Version</b>			

### Physical Characteristics

Parameter	Spec limit (per unit)	Units	Method
Color*	Brown		SOP MAN-0000037
Flavor	Tangerine		SOP MAN-0000037
Shape	Hexagon		SOP MAN-0000037
Average Weight	3.0 ± 10%	gr	SOP MAN-0000037
Coating	Oil		

### Composition

Ingredient	**Spec limit (Per unit)	Units	Method
Honey	≥500.0	mg	***
Vitamin B3 (Niacin as Niacinamide)	≥10.0	mg	External lab: USP
Inositol	≥3.5	mg	***
Vitamin B6 (as Pyridoxine HCl)	≥1.0	mg	External lab: In house procedure; Based on: J AOAC vol 85, no. 4
Vitamin B7 (Biotin as D-Biotin 1% on Maltodextrin)	≥37.5	mcg	***
Vitamin B12 (as Cyanocobalamin 0.1% on Maltodextrin)	≥15.0	mcg	***
Caffeine	≥5.0	mg	***
<b>Other Ingredients</b>	Glucose syrup, Sugar, Water, Pectin, Natural flavor, Citric acid, Trisodium citrate, Carnauba Wax.		

### Microbiology

	Spec limit	Units	Method
Total viable aerobic count (TAMC)	<10 <sup>3</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Total combined Yeast/Mold (TYMC)	<10 <sup>2</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Bile tolerant GR NEGATIVE bacteria	<10	CFU/g	USP 62 & E.Ph 2.6.13
E-Coli ****	Absent in 10gr	NA	USP 62 & E.Ph 2.6.13
Salmonella****	Absent in 25gr	NA	USP 62 & E.Ph 2.6.13


<b>Heavy Metals****</b>			
	<b>Spec limit</b>	<b>Units</b>	<b>Method</b>
<b>Mercury</b>	<0.1	ppm	External lab method
<b>Cadmium</b>	<0.15	ppm	External lab method
<b>Lead</b>	<0.5	ppm	External lab method
<b>Arsenic</b>	<1	ppm	External lab method
<b>Certifications</b>			
	<b>Yes / No</b>		
<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		

<b>Storage and Shelf Life</b>	
<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>	TBD
<b>Packaging</b>	TBD

The product is in the development stages and there may be changes in the processing aids or additives and their quantities.

- \* 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 defined according to the USP, Dietary Supplements Compendium (DSC), including the Oil- and Water-Soluble Vitamins with Minerals Chewable Gels monograph.
- \*\*\* Confirmed with batch record for the purpose of QA Product Release Procedure
- \*\*\*\* Tests are performed periodically according to our SOP

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 Collagen 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		3.9.24
Customer Approval			



## Product Specification

<b>Product Name:</b>	Honey Sleep Relaxation 3 gr		
<b>Item Number:</b>	4991621	Version No.	01
<b>Changes from Previous Version</b>			

### Physical Characteristics

Parameter	Spec limit (per unit)	Units	Method
Color*	Brown		SOP MAN-0000037
Flavor	Lemon Chamomile		SOP MAN-0000037
Shape	Hexagon		SOP MAN-0000037
Average Weight	3.0 ± 10%	gr	SOP MAN-0000037
Coating	Oil		

### Composition

Ingredient	Spec limit (Per unit)	Units	Method
Honey	≥500.0	mg	**
Chamomile Extract 5:1 ( <i>Matricaria Chamomilia L.</i> ) Plant Part Used: Flower (Dried, 100% Natural)	≥10.0	mg	**
Gamma Aminobutyric Acid (GABA)	≥50.0	mg	**
L-Theanine	≥100.0	mg	**
Valerian Dry Hydroalcoholic Extract 3-5:1 ( <i>Valeriana officinalis L. s.l.</i> ) Plant Part Used: root	≥25.0	mg	**
<b>Other Ingredients</b>	Fructo oligosaccharides, Water, Stabilizers (Pectin, Agar Agar, Tapioca Starch), Citric Acid, Natural Flavors, Trisodium Citrate, Carnauba Wax.		

### Microbiology

	Spec limit	Units	Method
Total viable aerobic count (TAMC)	<10 <sup>4</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Total combined Yeast/Mold (TYMC)	<10 <sup>3</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Bile tolerant GR NEGATIVE bacteria	<10	CFU/g	USP 62 & E.Ph 2.6.13
E-Coli ***	Absent in 10gr	NA	USP 62 & E.Ph 2.6.13
Salmonella***	Absent in 25gr	NA	USP 62 & E.Ph 2.6.13

<b>Heavy Metals***</b>			
	<b>Spec limit</b>	<b>Units</b>	<b>Method</b>
<b>Mercury</b>	<0.1	ppm	External lab method
<b>Cadmium</b>	<0.15	ppm	External lab method
<b>Lead</b>	<0.5	ppm	External lab method
<b>Arsenic</b>	<1	ppm	External lab method
<b>Certifications</b>			
	<b>Yes / No</b>		
<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		


<b>Storage and Shelf Life</b>	
<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>	TBD
<b>Packaging</b>	TBD

The product is in the development stages and there may be changes in the processing aids or additives and their quantities.

- \* 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.
- \*\* Confirmed with batch record for the purpose of QA Product Release Procedure
- \*\*\* Tests are performed periodically according to our SOP



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 Collagen 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		3.9.24
Customer Approval			



## Product Specification

<b>Product Name:</b>	<b>Honey Immune op 2 low C 3 gr PS</b>		
<b>Item Number:</b>	<b>4991625</b>	Version No.	01
<b>Changes from Previous Version</b>			

### Physical Characteristics

Parameter	Spec limit (per unit)	Units	Method
Color*	Purple		SOP MAN-0000037
Flavor	Mixed berries		SOP MAN-0000037
Shape	Hexagon		SOP MAN-0000037
Average Weight	3.0 ± 10%	gr	SOP MAN-0000037
Coating	Oil		

### Composition

Ingredient	**Spec limit (Per unit)	Units	Method
Honey	≥500.0	mg	***
Elderberry Extract (Sambucus nigra L.) (Berry) 40:1 Plant part used: Fruit	≥25.0	mg	***
Vitamin C (as ascorbic acid)	≥50.0	mg	External lab: In house procedure, based on: J.AOAC vol.71 , NO.3
Zinc (as zinc citrate)	≥1.0	mg	External lab: Elemental Analysis Manual: Section 4.4
Vitamin D3 (as Cholecalciferol)	≥1000.0	IU	External lab: HPLC- in house method
<b>Other Ingredients</b>	Glucose syrup, Sugar, Water, Pectin, Natural flavor, Trisodium citrate, Carnauba Wax.		

### Microbiology

	Spec limit	Units	Method
Total viable aerobic count (TAMC)	<10 <sup>3</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Total combined Yeast/Mold (TYMC)	<10 <sup>2</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Bile tolerant GR NEGATIVE bacteria	<10	CFU/g	USP 62 & E.Ph 2.6.13
E-Coli ****	Absent in 10gr	NA	USP 62 & E.Ph 2.6.13
Salmonella****	Absent in 25gr	NA	USP 62 & E.Ph 2.6.13



<b>Heavy Metals****</b>			
	<b>Spec limit</b>	<b>Units</b>	<b>Method</b>
<b>Mercury</b>	<0.1	ppm	External lab method
<b>Cadmium</b>	<0.15	ppm	External lab method
<b>Lead</b>	<0.5	ppm	External lab method
<b>Arsenic</b>	<1	ppm	External lab method
<b>Certifications</b>			
	<b>Yes / No</b>		
<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		


<b>Storage and Shelf Life</b>	
<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>	TBD
<b>Packaging</b>	TBD

The product is in the development stages and there may be changes in the processing aids or additives and their quantities.

- \* 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 defined according to the USP, Dietary Supplements Compendium (DSC), including the Oil- and Water-Soluble Vitamins with Minerals Chewable Gels monograph.
- \*\*\* Confirmed with batch record for the purpose of QA Product Release Procedure
- \*\*\*\* Tests are performed periodically according to our SOP



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 Collagen 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		3.9.24
Customer Approval			

## Product Specification

<b>Product Name:</b>	Honey Biotin		
<b>Item Number:</b>	4991626	Version No.	01
<b>Changes from Previous Version</b>			

### Physical Characteristics

Parameter	Spec limit (per unit)	Units	Method
Color*	Yellow		SOP MAN-0000037
Flavor	Honey		SOP MAN-0000037
Shape	Hexagon		SOP MAN-0000037
Average Weight	3.0 ± 10%	gr	SOP MAN-0000037
Coating	Oil		

### Composition

Ingredient	**Spec limit (Per unit)	Units	Method
Honey	≥1000.0	mg	***
Vitamin B7 (As Biotin)	≥500.0	mcg	External lab: USP
<b>Other Ingredients</b>	Sugar, Glucose syrup, Water, Pectin, Citric acid, Trisodium citrate, Carnauba Wax.		

### Microbiology

	Spec limit	Units	Method
Total viable aerobic count (TAMC)	<10 <sup>3</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Total combined Yeast/Mold (TYMC)	<10 <sup>2</sup>	CFU/g	USP 61 & E.Ph 2.6.12
Bile tolerant GR NEGATIVE bacteria	<10	CFU/g	USP 62 & E.Ph 2.6.13
E-Coli ****	Absent in 10gr	NA	USP 62 & E.Ph 2.6.13
Salmonella****	Absent in 25gr	NA	USP 62 & E.Ph 2.6.13

### Heavy Metals\*\*\*\*

	Spec limit	Units	Method
<b>Mercury</b>	<0.1	ppm	External lab method
<b>Cadmium</b>	<0.15	ppm	External lab method
<b>Lead</b>	<0.5	ppm	External lab method
<b>Arsenic</b>	<1	ppm	External lab method

Certifications	
	Yes / No
Kosher	Yes
Halal	Yes
Gluten-free	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>	TBD
<b>Packaging</b>	TBD

The product is in the development stages and there may be changes in the processing aids or additives and their quantities.

- \* 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 defined according to the USP, Dietary Supplements Compendium (DSC), including the Oil- and Water-Soluble Vitamins with Minerals Chewable Gels monograph.
- \*\*\* Confirmed with batch record for the purpose of QA Product Release Procedure
- \*\*\*\* Tests are performed periodically according to our SOP



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 Collagen 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		3.9.24
Customer Approval			