



**CERTIFICATE OF ANALYSIS**  
**Peptamen 1.5**

Manufacture Date: November 10, 2023

Expiration Date: November 9, 2024

Batch Code: 3EPU7234

Case Code: 3314572151

Evaluation	Units	Method	Analytical Result	Release Specifications		Label /1000mL
				min	max	
Total Solids	g/100g	Air Oven	30	28	31	-
Protein	g	Kjeldahl	70	54	75	68
Fat	g	Mojonnier	58	45	64	56
Ash	g/100g	Furnace	1.04	-	-	-
Carbohydrate	g	Calculation	16.80	-	-	-
Calories	kcal	Calculation	1537	1350	1800	1500
Density	g/mL	Target 1.061g/mL	1.09	-	-	-
Chloride	mg	Potentiometric	1886	1440	2700	1800
Calcium	mg	ICP - AES	1112	800	1400	1000
Iron	mg	ICP - AES	31	21	34	26
Potassium	mg	ICP - AES	2529	1720	2795	2150
Magnesium	mg	ICP - AES	461	336	504	420
Sodium	mg	ICP - AES	921	720	1080	900
Phosphorus	mg	ICP - AES	1034	799.5	1250	1000
Vitamin C	mg	HPLC	570	260	810	200
Vitamin A (Retinol)	mcg	HPLC	1613	1300	2216	1300
Organoleptic, Appearance, Flavor, Aroma	-	Visual / Sensory	Approved	Not significantly different than reference		-
Microbiological	-	Incubation 30 C, 42 C & 55 C- (Plate count streak / pH)	Conform	Meets Nestec Sterility Assessment Release Norm		-

~~ The label claim for Vitamin A in this product is a combination of Vitamin A Retinol and Beta Carotene, referred to as Total Vitamin A. Vitamin A Retinol is tested on every batch of finished product; whereas, Beta Carotene is periodically tested. Therefore, release norms have been established for Total Vitamin A, as well as for Vitamin A Retinol and Beta Carotene separately. During routine testing of finished product, the Vitamin A Retinol result is compared to the Vitamin A Retinol release norm. During periodic testing, the Vitamin A Retinol result is compared to the Vitamin A Retinol release norm, the Beta Carotene result is compared to the Beta Carotene release norm, and the Retinol and Beta Carotene results are combined and compared to the Total Vitamin A release norm.

Authorization:  01-17-2024  
 EC Quality Manager Aude Bourguignon Date

Nestlé Healthcare  
Nutrition, Inc.  
1200 Nestle Avenue  
Eau Claire, WI 54703  
Tele. (715) 839-9440  
www.nestleusa.com



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Evaluation	Units	Maximum Limit /100g	Analytical Results /100g
Absence of Insect Fragment	100g *	Absent	Conform
Absence of rodent pile	100g *	Absent	Conform
5 mite	100g *	5	Conform
Insoluble Sand / Ash in HCl	%	1.5	<0.9968**

\* 500g of product is tested to conform absence of foreign material

\*\* Based on measure of Total Ash

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Analysis:	Results	Units
<b>Coliform</b>		
Coliform @ 35C	<0.3	/ml
Coliform @45C	Absence	/ml
<b>Bacillus Cereus</b>	<1	/ml
<b>Staphylococcus auerus</b>	Absence	cfu/ml
<b>Salmonella</b>	Absence	/25g

**PEPTAMEN 1.5 SpkeRht + ULRP Recipe Symbol ACEL029-02**

For the purpose of contaminant monitoring, products are grouped into families by recipes which have similar ingredients, ingredient usage rates and nutrient profiles. Each product family is tested for contaminants once over three calendar years.

Results declared in the Certificate of Anaylsis were obtained in the last produced batch that went through monitoring protocol.

Evaluation	Units	Maximum Limit /kg	Analytical Results /kg
Alfatoxin M1	mg	0.0005	<0.0005
Arsenic	mg	0.06	0.003
Cadmium	mg	0.02	<0.001
Lead	mg	0.04	<0.001
Alfatoxin B&G	mg	0.0008	<0.0005
Ocratozine A	mg	0.0011	<0.001
Deoxynivalenol	mg	0.107	<0.05
Fumonisin	mg	0.107	<0.05
Zearalenone	mg	0.016	<0.004

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 EC Quality Manager Aude Bourguignon Date 01-17-2024