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

## **CERTIFICATE OF ANALYSIS**



Peptamen 1.5

Manufacture Date:	August 19, 2024	Expiration Date:	November 18, 2025
	••••	Batch Code:	4EPU6149

Case Code: 42325721C2

Evaluation	Units	Method Analytical Result		Release Specifications		Label /100mL
				min	max	
Total Solids	g/100g	Air Oven	29	28	31	-
Protein	g	Kjeldahl	7.0	5.4	7.5	6.8
Fat	.g	Mojonnier	5.7	4.5	6.4	5.6
Ash	g/100g	Furnace	1.02	-	-	-
Carbohydrate	ġ	Calculation	1 <del>6</del> .60	<b>,-</b> .	-	- [
Calories	kcal	Calculation	<b>152</b>	135	180 ####################################	150
Chloride	i <b>mg</b>	Potentiometric	191	144	270	180
Calcium	mg.	ICP - AES	110	80	1:40	100
Iron	mg	ICP - AES	3.01	2.08	3.40	2.6
Potassium	mg	ICP - AES	253	172	280	215
Magnesium	mg	ICP - AES	45	34	50	42
Sodium	mg	ICP - AES	94	72	108	90
Phosphorus	mg	ICP - AES	102	80	125	100
Vitamin C	mg <sup>-</sup>	HPLC	63	26	-81	20
Vitamin A (Retinol)	mcg	HPLC	175	130	222	130
Organoleptic,		10-1-170		Not significat	ntly different	
Appearance, Flavor,	-	Visual / Sensory	Approved	than ref		-
Aroma						
Microbiological		Incubation 30 C, 42 C & 55 C- (Plate count streak / pH)	Conform	Meets Nest Assessment F	- 1	-

Authorization:

EC Quality Manager Jennifer Dressel E

<sup>~~</sup> 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.

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Evaluation	Units	Maximum Limit /100g	Analytical Results /100g
Absence of Insect Fragment Absence of rodent pile	100g * 100g *	Absent Absent	Conform Conform
5 mite	100g *	5	Conform
Insoluble Sand / Ash in HCl	%	1.5	<0.95 **

<sup>\* 500</sup>g of product is tested to conform absence of foreign material

Authorization 09/03/04

EC Quality Manager Jennifer Dressel Date

<sup>\*\*</sup> Based on measure of Total Ash

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

## PEPTAMEN 1.5 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	Analytical Results
Evaluation		/kg	/kg
Alfatoxin M1	mg	0.0040	<0.0005
Arsenic	mg	0.040	0.003
Cadmium	mg	0.035	<0.001
Lead	mg	0.030	<0.001
Alfatoxin B&G	mg	0:0008	<0.0005
Ocratozine A	mg	0.0011	<0,001
Deoxynivalenol	mg	0.107	<0.05
Fumonisina	mg	0.107	<0.05
Zearalenoria	mg	0.016	<0.004

Authorization: 09/23/24

EC Quality Manager Jennifer Dressel Date