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

CERTIFICATE OF ANALYSIS

PEPTAMEN 1.5

Nestlé HealthScience

Manufacture Date: October 17, 2019

Expiration Date: October 16, 2020

Batch Code: **9EPU5102**

Case Code: **9290572151**

Evaluation	Units	Method	**Analytical Result**	Release Specifications min	Release Specifications max	Label /1000mL
Fat	g	Mojonnier	**53**	45	64	56
Protein	g	Kjeldahl	**71**	54	75	68
Total Solids	g/100g	Air Oven	**30.00**	28	31	-
Ash	g/100g	Furnace	**1.00**	-	-	-
Carbohydrate	g/100g	Calculation	**17.30**	-	-	-
Calories	kcal	Calculation	**1515**	1350	1800	1500
Density	g/mL	Target 1.056 g/mL	**1.09**	-	-	-
Calcium	mg	ICP - AES	**1145**	800	1400	1000
Potassium	mg	ICP - AES	**2278**	1720	2795	2150
Sodium	mg	ICP - AES	**964**	720	1080	900
Magnesium	mg	ICP - AES	**457**	336	504	420
Phosphorus	mg	ICP - AES	**982**	800	1250	1000
Chloride	mg	Potentiometric	**1940**	1440	2700	1800
Iron	mg	ICP - AES	**30**	21	34	26
Vitamin A (Retinol)	IU	HPLC	**1695**	1300	2216	1300
Vitamin C	mg	HPLC	**631**	260	660	200
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: Kim Aylesworth 11-20-19

Quality Manager Kim Aylesworth Date

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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	<1.0178**

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

** Based on measure of Total Ash

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Quality Manager Kim Aylesworth Date

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Sample Analysis Report

Nestlé HealthScience

PEPTAMEN 1.5

Manufacture Date: October 17, 2019 **Expiration Date:** October 16, 2020

Batch Code: 9EPU5102

Case Code: **9290572151**

Analysis:	**Results**	**Units**
Coliform		
Coliform @ 35C	<0.3	/ml
Coliform @45C	Absence	/ml
Bacillus Cereus	<1	/ml
Staphlococcus auerus	Absence	cfu/ml
Salmonella	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	0.004
Cadmium	mg	0.02	<0.002
Lead	mg	0.04	<0.002
Alfatoxin B&G	mg	0.0008	<0.0005
Ocratozine A	mg	0.0011	<0.0005
Deoxynivalenol	mg	0.107	<0.05
Fumonisina	mg	0.107	<0.05
Zearalenona	mg	0.016	<0.004

Authorization: Kim Aylesworth 11-20-19

Quality Manager Kim Aylesworth Date