

Nestlé 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: January 14, 2020

Expiration Date: April 14, 2021

Batch Code: 0EPU3121

Case Code: 00145721F1

Evaluation	Units	Method	Analytical Result	Release Specifications		Label /100mL
				min	max	
Fat	g	Mojonnier	<b>6</b>	4.5	6.4	5.6
Protein	g	Kjeldahl	<b>7</b>	5.4	7.5	6.8
Total Solids	g/100g	Air Oven	<b>29.2</b>	28	31	-
Total Ash	g/100g	Furnace	<b>1.00</b>	-	-	-
Carbohydrate	g/100g	Calculation	<b>16.66</b>	-	-	-
Calories	kcal	Calculation	<b>152</b>	135	180	150
Density	g/mL	Target 1.068 g/mL	<b>1.09</b>	-	-	-
Calcium	mg	ICP - AES	<b>116</b>	80	140	100
Potassium	mg	ICP - AES	<b>226</b>	172	280	215
Sodium	mg	ICP - AES	<b>93</b>	72	108	90
Magnesium	mg	ICP - AES	<b>45</b>	34	50	42
Phosphorus	mg	ICP - AES	<b>100</b>	80	125	100
Chloride	mg	Potentiometric	<b>192</b>	144	270	180
Iron	mg	ICP - AES	<b>3</b>	2.08	3.40	2.6
Vitamin A (Retinol)	mcg	HPLC	<b>191</b>	130	222	130
Vitamin C	mg	HPLC	<b>58</b>	26	66	20
Organoleptic, Appearance, Flavor, Aroma	-	Visual / Sensory	<b>Approved</b>	Not significantly different than reference		-
Microbiological	-	Incubation 30 C, 42 C & 55 C- (Plate count streak / pH)	<b>Conform</b>	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: *Anita Helland 03-03-20*  
 EC/GW Laboratory Manager Anita Helland 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	<0.9879 **

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

\*\* Based on measure of Total Ash

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EC/GW Laboratory Manager Anita Helland Date