

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



## CERTIFICATE OF ANALYSIS

### Impact Peptide 1.5 Unflavored

Manufacture Date: September 27, 2023

Expiration Date: September 26, 2024

Batch Code: 3MCU6277

Case Code: 3270572151

Evaluation	Units	Method	Analytical Result	Release Specifications		Label /100mL
				min	max	
Total Solids	g/100g	Air Oven	28.4	27.8	29.6	-
Protein	g	Kjeldahl	9.8	7.5	11.3	9.4
Fat	g	Mojonnier	6.5	5.1	7.7	6.4
Ash	g/100g	Furnace	0.93	-	-	-
Carbohydrate	g	Calculation	13	11	17	14
Calories	kcal	Calculation	151	120	180	150
Density	g/mL	Target 1.078 g/mL	1.081	-	-	-
Chloride	mg	Potentiometric	187	144	216	180
Calcium	mg	ICP - AES	97	80	120	100
Iron	mg	ICP - AES	2.2	1.6	3.0	2
Potassium	mg	ICP - AES	192	152	228	190
Magnesium	mg	ICP - AES	42	34	50	42
Sodium	mg	ICP - AES	132	96	144	120
Phosphorus	mg	ICP - AES	98	80	120	100
Vitamin C	mg	HPLC	255	120	300	100
Vitamin A (Retinol)	mcgRE	HPLC	246	198	308	220
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:  12-21-23  
 EC Quality Manager Aude Bourguignon 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	<0.96**

\* 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
Alfatoxin B&G	mg	0.0008	<0.0005
Ocratozine A	mg	0.0011	<0.0005
Deoxynivalenol	mg	0.107	<0.05
Fumonisin	mg	0.107	<0.05
Zearalenone	mg	0.016	<0.004
Arsenic	mg	0.06	0.005
Cadmium	mg	0.02	<0.001
Lead	mg	0.04	0.001

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