

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

Manufacture Date: March 8, 2020

Expiration Date: March 8, 2021

Batch Code: OMCU3589

Case Code: 00 68572151

Evaluation	Units	Method	Analytical Result	Release Specifications		Label /100mL
				min	max	
Fat	g	Mojonnier	<b>6.3</b>	5.1	7.7	6.4
Protein	g	Kjeldahl	<b>10.1</b>	7.5	11.3	9.4
Total Solids	g/100g	Air Oven	<b>29.0</b>	27.8	29.6	-
Total Ash	g/100g	Furnace	<b>0.97</b>	-	-	-
Carbohydrate	g	Calculation	<b>14</b>	11	17	14
Calories	kcal	Calculation	<b>152</b>	120	180	150
Density	g/mL	Target 1.068 g/mL	<b>1.075</b>	-	-	-
Calcium	mg	ICP - AES	<b>97</b>	80	120	100
Potassium	mg	ICP - AES	<b>195</b>	152	228	190
Sodium	mg	ICP - AES	<b>120</b>	96	144	120
Magnesium	mg	ICP - AES	<b>42</b>	34	50	42
Phosphorus	mg	ICP - AES	<b>100</b>	80	120	100
Chloride	mg	Potentiometric	<b>192</b>	144	216	180
Iron	mg	ICP - AES	<b>2.2</b>	1.6	3.0	2
Vitamin A (Retinol)	IU	HPLC	<b>253</b>	198	308	220
Vitamin C	mg	HPLC	<b>151</b>	120	300	100
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 04-09-20  
 EC/GW Laboratory Manager Anita Helland Date

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**IMPACT PEPTIDE 1.5**

Manufacture Date: March 8, 2020

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Batch Code: **OMCU3589**

Case Code: **00 68572151**

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	<0.9675**

\* 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

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## Sample Analysis Report

### IMPACT PEPTIDE 1.5

Manufacture Date: March 8, 2020      Expiration Date: March 8, 2021  
 Batch Code: 0MCU3589  
 Case Code: 00 68572151

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 Analysis 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	0.002
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
Fumonisin	mg	0.107	<0.05
Zearalenone	mg	0.016	<0.004

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