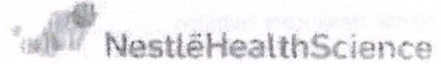


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**CERTIFICATE OF ANALYSIS**  
**PEPTAMEN AF**

Manufacture Date: April 10, 2017

Expiration Date: April 10, 2018

Batch Code: 7P2U3749

Case Code: 7100572115

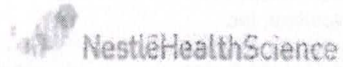
Evaluation	Units	Method	Analytical Result	Release Specifications		Label /1000mL
				min	max	
Fat	g	Mojonnier	55.4	44.0	66.0	55
Protein	g	Kjeldahl	78	60.8	91.2	76
Total Solids	g/100g	Air Oven	24.20	23.4	24.8	-
Ash	g/100g	Furnace	0.79	-	-	-
Carbohydrate	g	Calculation	116.8	88.0	132.0	110
Calories	kcal	Calculation	1282	992	1488	1240
Density	g/mL	Target 1.068 g/mL	1.07	-	-	-
Calcium	mg	ICP - AES	907	640	960	800
Potassium	mg	ICP - AES	1591	1280	1920	1600
Sodium	mg	ICP - AES	936	640	960	800
Magnesium	mg	ICP - AES	342	256	384	320
Phosphorus	mg	ICP - AES	865	640	960	800
Chloride	mg	Potentiometric	1506	1088	1632	1360
Iron	mg	ICP - AES	17.1	12.8	19.2	16
Vitamin A (Retinol)	IU	HPLC	923	488	976	610
Total Vitamin A	IU	HPLC	923	488	976	610
Vitamin C	mg	HPLC	1153	336	1260	420
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.

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 \*Original Document\*

Authorization: Kim Aylesworth 05-22-17  
 Quality Manager Kim Aylesworth Date

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## Sample Analysis Report

### Peptamen AF

Manufacture Date: April 10, 2017      Expiration Date: April 10, 2018

Batch Code: 7P2U3749

Case Code: **7100572115**

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 AF SpkeRht + ULRPRcipe Symbol ACEL036-01

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.

Batch 6154572125, recipe symbol ACEL702-1 was tested within the last three calendar years:

Evaluation	Units	Maximum Limit /kg	Analytical Results /kg
Alfatoxin M1	mg	0.004	<0.00005
Arsenic	mg	0.15	<0.002
Cadmium	mg	0.07	<0.002
Lead	mg	0.2	<0.002
Mercury	mg	0.05	<0.001

Batch 5120572115, recipe symbol ACEL036-01 was tested within the last three calendar years:

Evaluation	Units	Maximum Limit /kg	Analytical Results /kg
Alfatoxin B&G	mg	0.001	<0.000025

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**\*Original Document\***

Authorization: Kim Aylesworth 05-22-17  
 Quality Manager Kim Aylesworth      Date