



Rue Maréchal Montgomery  
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**Certificate of analysis**

Date: 15/09/2017

**Material**

12166595 NUTREN SENIOR VANILLE  
Inspection lot 44000954584 from 14.09.2017  
Batch 72420810A1  
Manufacture date : 30/08 /2017  
Expiry date : 30/08 /2018

Chemical and physical specification					
Characteristics	Unit	Upper limit	Lower limit	Result	Interpretation
pH		7,20	6,50	6.94	conform
DRY MATTER / TOTAL SOLIDS	g/100ml	32,2	31,0	31.4	conform
CHLORIDE	mg/100mL	240	160	195	conform
CALCIUM (CA)	mg/100mL	288	192	242	conform
COPPER (CU)	mg/100mL	0,35	0,16	0.23	conform
IRON (FE)	mg/100mL	2,04	1,36	1.80	conform
POTASSIUM (K)	mg/100mL	360	240	306	conform
MAGNESIUM (MG)	mg/100mL	36,0	24,0	28.1	conform
MANGANESE (MN)	mg/100mL	0,45	0,21	0.34	conform
				61,9	Average value 63.24. Agreed on by Brazilian market.
SODIUM (NA)	mg/100mL	96,0	64,0		
PHOSPHORUS (P)	mg/100mL	161	92	117	conform
ZINC (ZN)	mg/100mL	2,76	1,84	2.09	conform
VITAMIN B2 (RIBOFLAVIN)	mg/100mL	0,57	0,30	0.49	conform
VITAMIN C (ASCORBIC ACID)	mg/100mL	24,8	13,2	21.3	conform

Stability and sterility tests	
ATP-BIOLUMINESCENCE * INC 5D 55°C	Conform
pH INC 5D 55°C	Conform
ATP-BIOLUMINESCENCE * INC 10D 30°C	Conform

pH INC 10D 30°C

Conform

\* ATP-BIOLUMINESCENCE: ALTERNATIVE  
METHOD FOR TPC

Result of annual monitoring plan				
The plan contaminant results were made on batch 50980810A2				
Characteristics	Unit	Upper limit	Result	Interpretation
Aflatoxin M1	µg/kg	0.5	<0.0025	Conform
Arsenic	mg/kg	0.04	<0.005	Conform
Lead	mg/kg	0.02	<0.0014	Conform
Mercury	mg/kg	0.01	<0.002	Conform
Cadmium	mg/kg	0.02	0,0022	Conform

This production complies with product and process specifications.

Complete lot released  
Document validated by computer by quality department  
15/09/2017

\*\*\*End\*\*\*

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