

### Trouw Nutrition Canada Laboratory

GENERAL	
Analyses	
Amino acids profile	
Ash	
Astaxanthin	
Astaxanthin/Canthaxanthin	
Available protein	
Brix degree	
Buffer capacity	
Cadmium	
Canthaxanthin	
Chlorides	
Cholesterol	
Citric Acid	
Cobalt	
Color	
Crude protein	
Crude protein (NOPA)	
CTC	
Dairy particle size	
Density	
Durability	
Ethoxyquin	
Fat - Crude fat	
Fat - Crude fat on meat	
Fat - Ethyl ether	
Fat – Mojonier	
Fatty acids profile	
Fiber - Acid detergent	
Fiber - Crude	
Fiber – Insoluble	
Fiber - Neutral	
Fiber – Soluble	
Fiber - Total dietary	
Fine percentage	
Free fatty acids	
Fumaric Acid	
Fumaric Citric / Malic Acid	

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GENERAL	
Analyses	
Insoluble impurities	
Iodine value	
Lactate diacetate	
Lipid	
Lipid in eggs	
Malic Acid	
Mixing test	
Moisture and volatile matters	
Moisture - Dry matter 135°C, 100°C, 60°C	
Moisture - vacuum dry matter	
NIR (Complete analyses)	
Nitrate-N (haylage)	
Nitrogen	
Ortho-Phosphoric acid	
Pancreatin digestibility	
Peroxide value	
pH (Hays and feed)	
pH (lactoserum permeat, lactoserum liquor)	
Phytase activity	
Phytase activity - Rush	
Phytic acid	
Propionic acid	
Protein solubility KOH (soya)	
Sieve testing	
Specific weight (bulk density)	
Starch	
Starch (gelatinized) including starch	
Sulfur (with crude protein analyses)	
Sulfur (without crude protein analyses)	
TBA (malonaldehyde)	
Total sugar (HPLC)	
Trypsin activity	
Unsaponifiables	
Urease activity	

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GENERAL	
Analyses	
Vitamin A	
Vitamin C	
Vitamin E	
Vitamin E (eggs)	
Volatile fatty acids	
Sample preparation	

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<b>MINERALS</b>	
<b>Analyses</b>	
Calcium	
Magnesium	
Phosphorus	
Potassium	
Sodium	

<b>OLIGO-ELEMENTS</b>	
<b>Analyses</b>	
Copper	
Iron	
Manganese	
Zinc	
Selenium	

<b>HEAVY METALS</b>	
<b>Analyses</b>	
Aluminum	
Antimony	
Cadmium	
Cobalt	
Chromium	
Lead	
Molybdenum	
Nickel	

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MYCOTOXINS	
Analyses	
Aflatoxin	
Fumonisin	
Ochratoxin	
T2/HT2	
Vomitoxin	
Zearalenone	
<i>24h turnaround time, add</i>	

MICROBIOLOGICAL ANALYSES	
Analyses	
** Coliforms / MFHPB-35	
** <i>E.coli</i> and coliforms count / MFHPB-34	
** Enterobacteria	
** Molds / MFHPB-32	
** <i>Salmonella</i> / MFLP-49 / MFHPB-20	Not detected
	Positive
** Total count / MFHPB-33	
** Yeast / MFHPB-32	

\*\* If standard chemical analysis is requested, please send a second sample.

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DRUGS	
Analyses	
Maxiban (Elanco)	
Monteban (Elanco)	
Paylean (Elanco)	
Rumensin / Coban (Elanco)	
Surmax (Elanco)	
Tylan (Elanco)	
CTC	
Monensin / Narasin	
Lasalocide sodique	
Salinomycine	

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NUTRITIONAL LABELING	
Analyses	
<b>Complete analysis</b>	
Calories	
Fat	
Saturated Fatty Acids	
Trans Fatty Acids	
Cholesterol	
Sodium	
Carbohydrates	
Dietary Fiber	
Total Sugar	
Protein	
Vitamin A	
Vitamin C	
Calcium	
Iron	
Moisture	
Ash	
Kj	
Retinol	
Beta Carotene	
Potassium	
Cis- Monounsaturated Fatty Acids	
Cis- Polyunsaturated Fatty acids	

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**WATER ANALYSES**

<b>CHEMICAL</b>	
<b>Water analyses</b>	
Hardness	
Calcium	
Magnesium	
Sodium	
Alkalinity	
Chlorides	
Total dissolved solids	
Iron	
Sulfate	
Ph	
Nitrates	
Nitrites	
Zinc, Copper, Manganese	
Phenols	
Total sulfides	
Phosphates	
Potassium	
Conductivity	
<b>Minimum fee</b>	
<b>Package</b>	
<b>Water analyses</b>	
Hardness, Calcium, Magnesium, Sodium, Alkalinity, Chlorides, Total dissolved solids, Iron, Sulfates, pH <b>Package 01700PH</b>	



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### WATER ANALYSES

<b>***BACTERIOLOGICAL</b>	
<b>Water analyses</b>	
Total coliforms / 100ml	
Fecal coliforms / 100ml	
Fecal streptococcus / 100ml	
E.coli / 100ml	
Enterococcus bacteria / 100 ml	
HPC (Heterotrophic plate count) / 100ml	
Atypical colony / 100ml	
Pseudomonas aeruginosa	
Pseudomonas spp.	
Pseudomonas fluorescens	
<b>Packages</b>	
<b>Water analyses</b>	
Total coliforms, E. coli, Enterococcus bacteria <b>Canadian quality milk program</b> <b>Package Water LCQ</b>	
Total coliforms, Fecal coliforms, Fecal streptococcus <b>Package Water 1</b>	
Total coliforms, Fecal coliforms, E. coli <b>Package Water 2</b>	
Total coliforms, Fecal coliforms, Fecal streptococcus, E. coli <b>Package Water 3</b>	
Total coliforms, Fecal coliforms, Fecal streptococcus, HPC <b>Package Water 4</b>	
Total coliforms, Fecal coliforms, Fecal streptococcus, E.coli, HPC <b>Package Water 5</b>	
Total coliforms, E.coli <b>Package Water 6</b>	
Total coliforms, Fecal coliforms, Atypical colonies, Pseudomonas spp <b>Package Water 7</b>	

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\*\*\* Samples must be kept between 2°C and 8°C