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**List of analyses
Laboratory**

GENERAL
Analyses
Aluminum
Amino acids profile
Ash
Astaxanthin
Astaxanthin/Canthaxanthin
Available protein
Brix degree
Buffer capacity
Cadmium
Canthaxanthin
Chlorides
Chlortetracycline
Cholesterol
Choline hydroxide
Citric Acid
Cobalt
Color
Crude protein
Dairy particle size
Density
Durability
Ethoxyquin
Fat - Crude fat
Fat - Crude fat on meat
Fat - Ethyl ether
Fat – Mojonnier
Fatty acids profile
Fiber - Acid detergent
Fiber - Crude
Fiber – Insoluble
Fiber - Neutral
Fiber – Soluble
Fiber - Total dietary
Free fatty acids
Fumaric Acid
Fumaric/ Citric/ Malic Acid
Insoluble impurities

GENERAL
Analyses
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
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
Potential digestibility
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
Vitamin A
Vitamin C
Vitamin E
Volatile fatty acids

MINERALS
Analyses
Calcium
Magnesium
Phosphorus
Potassium
Sodium

OLIGO-ELEMENTS
Analyses
Copper
Iron
Manganese
Zinc
Selenium

HEAVY METALS
Analyses
Antimony
Cadmium
Cobalt
Chromium
Lead
Molybdenum
Nickel

NIR ANALYSES	
Hay	
Complete analysis	
Protein	
Calcium	
Magnesium	
Potassium	
Acid detergent fiber	
IF	
ADFN	
Crude Fiber	
Potential digestibility	
Relative feed value	
Forage quality index	
Non structural carbohydrate	
Net energy lactation	
Crude fat	
Sodium	
Ash	

NIR ANALYSES	
Grain	
Complete analysis	
Dry matter	
Crude fat	
Protein	
Neutral fiber	
Crude fiber	
Ash	

MYCOTOXINS
Analyses
Aflatoxin
Fumonisin
Ochratoxin
T2/HT2
Vomitoxin
Zearalenone

MICROBIOLOGICAL ANALYSES
Analyses
** Coliforms / MFHPB-35
** <i>E.coli</i> and coliforms count / MFHPB-34
** Enterobacteria
** <i>Listeria monocytogenes</i> / MHHPB-07
** Molds / MFHPB-32
** <i>Salmonella</i> / MFHPB-20
** Total count / MFHPB-33
** Yeast / MFHPB-32

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

NUTRITIONAL LABELING
Analyses
Complete analysis
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

WATER ANALYSES

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

WATER ANALYSES

***BACTERIOLOGICAL
Water analyses
Total coliforms / 100ml
Fecal coliforms / 100ml
Fecal streptococcus / 100ml
E.coli / 100ml
HPC (Heterotrophic plate count) / 100ml
Atypical colony / 100ml
Pseudomonas aeruginosa
Pseudomonas spp.
Pseudomonas fluorescens
Packages

Water analyses
Total coliforms, E. coli Canadian quality milk program Package 01700B2
Total coliforms, Fecal coliforms, Fecal streptococcus Package 01700B3
Total coliforms, Fecal coliforms, E. coli Package 01700B3E
Total coliforms, Fecal coliforms, Fecal streptococcus, E. coli Package 01700B4
Total coliforms, Fecal coliforms, Fecal streptococcus, HPC Package 01700B4B
Total coliforms, Fecal coliforms, Fecal streptococcus, E.coli, HPC Package 01700B5

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