Date/Time (RECEIVED)

Prairie Diagnostic Services Inc.
52 Campus Drive Saskatoon, SK, S7N 5B4
TEL: (306) 966-7316 FAX: (306) 966-2488
Website: pdsinc.ca Email: pds.info@usask.ca

PDS Lab #_____

NIR Feed and Forages Nutritional Analysis Submission Form

Submitter (Client) name:	**Owner:** ☐check if same as submitter
Address/City/Prov:	**Paid by**: ☐Cheque ☐Credit Card ☐Other
Postal Code:	Credit card Information: ☐Visa ☐MasterCard ☐American Express
Phone: Fax:	#_____ EXP: _____/_____
Email:	Email Copy to:

Comprehensive Nutritional Analysis

Near Infrared (NIR) analysis allows for rapid determination of multiple nutrients and characteristics of a feed or forage including but not limited to Dry Matter, Moisture, Crude Protein, Soluble Protein, ADF, NDF, Energy values (TDN, NEL, NEG, NEM), Lignin, Starch, Sugar, Fat, Ash, Calcium, Phosphorus, Magnesium, Potassium, and Sulfur. The NIR test also reports fermentation quality (lactic/acetic/butyric acids, ammonia-N, pH) for ensiled forage.
Nutrients and characteristics included in the report may vary depending on the type of feed samples.
For questions about feed types and what the NIR report includes, refer to NIRS Feed and Forages Nutritional Factors found at pdsinc.ca/services/feed-and-forage-testing.

Additional tests
(additional charges will apply):

❖**Mineral panel by ICP-MS (wet chemistry)**
- Panel #1 (MP1):
  - Mg, Mn, Fe, Co, Cu, Zn, Se, Mo
- Panel #2 (MP2):
  - K, Ca, Na
- Panel #3 (MP3):
  - Tl, Pb, As, Cd
- Panel #4 (MP4):
  - Be, Mg, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Cd, Sb, Ba, Tl, Pb, Bi

Please Note: We do not provide interpretation for mineral panels in feed samples.

❖**Mycotoxin/Ergot, Nitrate Qualitative screen**
Additional submission form required. Please fill out and attach the Mycotoxin, ergot & nitrate toxin submission form.

Select a **Feed Type** from the options provided **ONLY**. Enter your selection in the 'Feed Type' column.

Feed Type:

- Legumes hay/greenfeed
- Legumes fresh/greenchop
- Legumes haylage
- Small grain forage hay/greenfeed
- Small grain forage fresh/greenchop
- Small grain forage straw
- Small grain forage silage
- Wheat grain
- Beet pulp
- DDG's
- Mixed forage hay/greenfeed
- Mixed forage fresh/greenchop
- Mixed forages haylage/silage
- Ear corn grain
- Shelled corn grain
- Corn silage
- Earlage (ear corn silage)
- Grain mixture
- Canola meal
- TMR
- Grasses hay/greenfeed
- Grasses fresh/greenchop
- Grasses haylage
- Barley grain
- Oats grain
- Rye grain
- Triticale grain
- Grain-based pellets
- Canola pellets

Examples: Legumes include lentils, alfalfa, peas, cicer (chickpea), sainfoin, beans, clover, for example, *alfalfa hay* falls under Legumes hay/greenfeed. Small grain forages are early-harvested crops such as barley, oats, rye, triticale or wheat, *barley silage* should be classified as Small grain forage silage. A mixture of *alfalfa and grass hay* would fall under Mixed forage hay/greenfeed.

For any other feed types not listed please contact **pds_tox@usask.ca** with a detailed description of your sample to determine if it can be tested.

Sample Size:

~1 full medium or ½ large Ziploc bag

Ensure samples are chopped before submitting.
Un-chopped samples increase processing times and additional fees will apply

PDS Lab # _____

Submitter (Client) name:	**Owner:**

	Sample ID	**Feed Type** **(from options provided ONLY)**	**Mineral Panel (MP)** (Additional Charge)	**Comments/ Additional Sample Description** (if needed)	***For lab use only:*** IN Date: _____ Time: _____ / OUT Date: _____ Time: _____	Extra processing req.
1			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
2			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
3			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
4			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
5			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
6			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
7			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
8			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
9			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐
10			☐ MP #1 ☐ MP #2 ☐ MP #3 ☐ MP #4		Container Weight (g): _____ In Weight (g): _____ Out Weight (g): _____	☐