



# Zooquarius

Laboratory Services

730 Warren Road • Ithaca, NY 14850  
P: 607-257-1289 • service@zooquarius.com  
www.zooquarius.com

**A Dairy One enterprise dedicated to serving the zoo and aquarium community.**

An analysis is only as good as the sample submitted. For sampling instructions, policies, and more information, visit our website at [www.zooquarius.com](http://www.zooquarius.com).

All prices (USD) are per sample. Prices and services are subject to change without notice. See reverse for complete package description.

Name/Company: \_\_\_\_\_ Account No.: \_\_\_\_\_

Street: \_\_\_\_\_ County: (NY Only) \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_

Fax No. (area code): \_\_\_\_\_ email: \_\_\_\_\_

2nd email: \_\_\_\_\_ 3rd email: \_\_\_\_\_

**Results sent by email.** Check to receive mailed or faxed copies:  Mail  Fax

Report my results in the following units (check one):  English (Mcal/lb.)  Metric (Mcal/kg)

Identify samples, e.g. capelin or browse. List service codes for services requested.

Sample Type:	Services:	
Description:	KC:	Sample #: <b>LAB USE ONLY</b>
Sample Type:	Services:	
Description:	KC:	Sample #: <b>LAB USE ONLY</b>
Sample Type:	Services:	
Description:	KC:	Sample #: <b>LAB USE ONLY</b>
Sample Type:	Services:	
Description:	KC:	Sample #: <b>LAB USE ONLY</b>

### Shipping and Labels (Domestic Only)

- I use my own carrier  UPS Label - Ground \$6.50  UPS Label - 2-Day (Air) \$18.50  
 UPS Label - Next Day (Air) \$25.50

- Send me labels by:  Mail or  email  UPS Ground  
 UPS 2-Day (Air)  UPS Next Day (Air)

### Milk Analyses

- (193) Milk Package \$37:**  
Ash, total protein, total solids, and total fat  
**(130) Milk Total Solids \$8**  
**(131) Milk Total Protein \$7**  
**(132) Milk True Protein \$10**  
**(133) Milk Total Fat \$16**

### Payment

Please bill my account

I have enclosed full payment by check: Check No.: \_\_\_\_\_

Please bill my credit card:  Visa  Mastercard  American Express

Name on credit card: \_\_\_\_\_ Card No.: \_\_\_\_\_

Signature: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

**Each International sample is charged a \$7.00 International handling fee.**

## Services

(visit our website [www.zooquarius.com](http://www.zooquarius.com) for more information)

<p>(183) <b>Proximate 1 \$36:</b> dry matter, crude protein, crude fiber, fat (ether extract), ash and nitrogen free extract.</p> <p>(184) <b>Proximate 2 \$35:</b> dry matter, crude protein, neutral detergent fiber, fat (ether extract), ash, non-fiber carbohydrates.</p> <p>(185) <b>Proximate 3 \$79:</b> dry matter, crude protein, neutral detergent fiber (organic matter basis), total fatty acids, ash, non-fiber carbohydrates.</p> <p>(186) <b>Plant 1 \$73:</b> dry matter, crude protein, acid detergent fiber, neutral detergent fiber, water soluble carbohydrates, starch, fat (ether extract), ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur.</p> <p>(187) <b>Plant 2 \$173:</b> dry matter, crude protein, acid detergent fiber, neutral detergent fiber, water soluble carbohydrates, starch, fat (ether extract), gross energy, ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur, selenium.</p> <p>(188) <b>Animal 1 \$47:</b> dry matter, crude protein, fat (acid hydrolysis), ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur.</p> <p>(189) <b>Animal 2 \$147:</b> dry matter, crude protein, fat (acid hydrolysis), gross energy, ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur, selenium.</p> <p>(190) <b>Feed 1 \$83:</b> dry matter, crude protein, acid detergent fiber, neutral detergent fiber, crude fiber, water soluble carbohydrates, starch, fat (ether extract), ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur.</p>	<p>(191) <b>Insect 1 \$54:</b> dry matter, crude protein, acid detergent fiber, fat (acid hydrolysis), ash, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur.</p> <p>(192) <b>Mineral Ingredients or Mixture \$35:</b> must be used for all mineral products. Any mineral requesting any other package will automatically be assigned this service and charged accordingly. Includes dry matter, crude protein, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur, chloride.</p> <p>(119) <b>Liquid \$49:</b> must be used for all liquid products (whey, molasses, etc). Any liquid requesting any other package will automatically be assigned this service and charged accordingly. Includes dry matter, crude protein, fat, ash, estimated carbs, calcium, phosphorus, magnesium, potassium, sodium, iron, zinc, copper, manganese, molybdenum, sulfur.</p> <p>(125) <b>Total Fatty Acids \$55:</b> fatty acid profile including 14 individual fatty acids, plus saturated, MUFA, PUFA, and RUFAL values.</p> <p>(17) <b>Sample Handling Fee \$15:</b> The typical sample fills a 1 quart ziplock bag. Use the following guidelines: wet samples (&gt;80% moisture), 400g; moist sample (50-80% moisture), 300g; damp sample (20-50% moisture), 200g; dry sample (&lt;20% moisture), 100g. Any samples exceeding these sizes may be assessed the handling fee at our discretion and without notice. This also applies to other a typical samples.</p> <p>(116) <b>Custom \$8:</b> design a package that best meets your needs. A custom package is assembled by combining the services listed below. The cost of the service includes a \$8.00 base fee plus the cost of the individual items selected.</p>
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Check the boxes for the desired services

<input type="checkbox"/> (116) Custom Base Fee \$8.00 <input type="checkbox"/> (21) Crude Protein (CP) \$7.00 <input type="checkbox"/> (22) Acid Detergent Fiber (ADF) \$7.00 <input type="checkbox"/> (23) Neutral Detergent Fiber (aNDF) \$7.00 <input type="checkbox"/> (123) aNDFom \$10.00 <input type="checkbox"/> (24) Rumen Soluble Protein (SP) \$8.00 <input type="checkbox"/> (25) Fat - Ether Extract (EE) \$11.00 <input type="checkbox"/> (27) Fat - Acid Hydrolysis (AH) \$15.00 <input type="checkbox"/> (37) Fat - Base Hydrolysis (BH) \$16.00 <input type="checkbox"/> (26) Ash \$6.00 <input type="checkbox"/> (28) Lignin \$11.00 <input type="checkbox"/> (129) Crude Fiber \$10.00 <input type="checkbox"/> (30) ADICP \$7.00 <input type="checkbox"/> (31) NDICP \$7.00 <input type="checkbox"/> (32) Rumen Degradable Protein (RDP) \$14.00 <input type="checkbox"/> (34) Starch \$13.00 <input type="checkbox"/> (154) Ethanol Soluble Carbohydrates - ESC \$11.00 <input type="checkbox"/> (254) Water Soluble Carbohydrates - WSC \$10.00 <input type="checkbox"/> (161) Nitrates \$11.00 <input type="checkbox"/> (64) Urea \$15.00 <input type="checkbox"/> (65) Ammonia \$9.00 <input type="checkbox"/> (67) pH \$6.00 <input type="checkbox"/> (450) Gross Energy (Bomb Calorimetry) \$60.00	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p style="text-align: center;"><b>Mineral Analyses</b></p> <input type="checkbox"/> \$8.00 for 1 mineral  <input type="checkbox"/> \$11.00 for 2 minerals  <input type="checkbox"/> \$16.00 for 3 or more minerals   <input type="checkbox"/> (41) Calcium (Ca)  <input type="checkbox"/> (42) Phosphorus (P)  <input type="checkbox"/> (43) Magnesium (Mg)  <input type="checkbox"/> (44) Potassium (K)  <input type="checkbox"/> (45) Sodium (Na)  <input type="checkbox"/> (46) Iron (Fe)  <input type="checkbox"/> (47) Zinc (Zn)  <input type="checkbox"/> (48) Copper (Cu)  <input type="checkbox"/> (49) Manganese (Mn)  <input type="checkbox"/> (50) Molybdenum (Mo)           </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p style="text-align: center;"><b>Other Minerals</b></p> <input type="checkbox"/> (59) Sulfur (S) \$6.00  <input type="checkbox"/> (66) Chloride (Cl) \$9.00  <input type="checkbox"/> (203) Cobalt (Co) \$6.00  <input type="checkbox"/> (105) Selenium (Se) \$40.00 (Domestic Only)  <input type="checkbox"/> (230) Aluminum (Al) \$6.00  <input type="checkbox"/> (231) Boron (B) \$6.00  <input type="checkbox"/> (232) Chromium (Cr) \$6.00 *excludes Chromium Oxide  <input type="checkbox"/> (233) Strontium (Sr) \$6.00   <p style="text-align: center;"><b>Microbiology Packages</b></p> <input type="checkbox"/> (611) Mold &amp; Yeast Counts \$26.00  <input type="checkbox"/> (612) Salmonella \$30.00  <input type="checkbox"/> (613) E. coli \$35.00           </td> </tr> </table> <p style="text-align: center;"><b>Mycotoxin Testing (Domestic Only)</b></p> <p><b>(443) Mycotoxin Panel \$99:</b> Aflatoxin B1, B2, G1, G2, Vomitoxin, Zearalenone, T2, 3-acetyl DON, 15-acetyl DON</p> <p><b>(447) Ochratoxin A \$75</b></p> <p><b>(448) Fumonisin B1, B2, B3 \$75</b></p> <p><b>(449) Full panel \$205:</b> Packages 443, 447, 448</p>	<p style="text-align: center;"><b>Mineral Analyses</b></p> <input type="checkbox"/> \$8.00 for 1 mineral <input type="checkbox"/> \$11.00 for 2 minerals <input type="checkbox"/> \$16.00 for 3 or more minerals  <input type="checkbox"/> (41) Calcium (Ca) <input type="checkbox"/> (42) Phosphorus (P) <input type="checkbox"/> (43) Magnesium (Mg) <input type="checkbox"/> (44) Potassium (K) <input type="checkbox"/> (45) Sodium (Na) <input type="checkbox"/> (46) Iron (Fe) <input type="checkbox"/> (47) Zinc (Zn) <input type="checkbox"/> (48) Copper (Cu) <input type="checkbox"/> (49) Manganese (Mn) <input type="checkbox"/> (50) Molybdenum (Mo)	<p style="text-align: center;"><b>Other Minerals</b></p> <input type="checkbox"/> (59) Sulfur (S) \$6.00 <input type="checkbox"/> (66) Chloride (Cl) \$9.00 <input type="checkbox"/> (203) Cobalt (Co) \$6.00 <input type="checkbox"/> (105) Selenium (Se) \$40.00 (Domestic Only) <input type="checkbox"/> (230) Aluminum (Al) \$6.00 <input type="checkbox"/> (231) Boron (B) \$6.00 <input type="checkbox"/> (232) Chromium (Cr) \$6.00 *excludes Chromium Oxide <input type="checkbox"/> (233) Strontium (Sr) \$6.00  <p style="text-align: center;"><b>Microbiology Packages</b></p> <input type="checkbox"/> (611) Mold & Yeast Counts \$26.00 <input type="checkbox"/> (612) Salmonella \$30.00 <input type="checkbox"/> (613) E. coli \$35.00
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## Sampling Procedures

Your analytical results are only as good as the sample submitted for analysis. Collecting a representative sample is the first step of the analytical process. Following recommended sampling procedures will help insure that our results truly reflect the nutrient composition of your sample. Please reference our website for sampling instructions.

### Policies

1. An analysis is only as good as the sample submitted. Every effort should be made to ensure that a good representative sample is taken. Upon arrival at the lab, half of the sample will be used for analysis and half will be saved as a back-up.
2. Proper payment must accompany all samples at the time of submittal. Failure to provide payment will result in your analyses being held until proper payment is received.
3. All results pass through an "edit system". The edit system contains expected ranges for most feed types. If any component of an analysis falls outside of the typical range, the results are flagged, evaluated and subject to retesting.
4. If you are unsure of any result that you receive, you may call the lab at 607-257-1289 and request that the component in question be reanalyzed to confirm the original result. Retest requests made within 7 days of the "Date Printed" on the report will be performed free of charge.
5. All pricing is USD per sample. Prices and services subject to change without notification.
6. Any samples exceeding recommended sample sizes may be assessed the handling fee at our discretion and without notice. This also applies to other a typical samples. Visit our website for more information on sampling or call prior to submitting your samples.
7. By providing your email you are authorizing Dairy One, Zooquarius, and its email provider. Constant Contact, to send you future electronic communications including analytical results, newsletters, and service announcements. You may unsubscribe at any time by clicking the SAFE UNSUBSCRIBE link located at the bottom of all Constant Contact email communications.
8. There will be a \$2.00 charge for insufficient paperwork.
9. Grind all sample request will be subject to a minimum \$8.00 per sample charge.