



FORAGE LAB AUSTRALIA

Powered by Cumberland Valley Analytical Services USA

Forage Lab Australia
at ACE Lab Services
12 Gildea Lane
Bendigo East, 3550
Lab Phone: 03 5443 9665
Free Tech Support: 0427 262 110
Email: technical@foragelabaustralia.com.au
Website: www.foragelabaustralia.com.au

PRICE LIST MARCH 2019

AUSTRALIAN PACKAGES		ACE Laboratories Bendigo
Test Code	Description	\$ ex GST
A1	NIR 1 Package (2-3 working day turn around time): Dry Matter, Moisture, Crude Protein, ADF Protein, NDF Protein, Soluble Protein, ADF, NDF, Lignin, Starch, Sugar (ESC — WSC inc. on hays only), Fat, Ash, pH on an ensiled forage. Calculated values for ME, Available Protein, Adjusted Protein, Degradable Protein, NEL, NEM, NEG, 30 hr NDF Digestibility with Kd Rate, NIR evaluation of Fermentation acids (for ensiled forages), Indigestible Fiber, Total Fatty Acids, Soluble Fiber and Water Soluble Carbohydrates (WSC for hays only). Soil contamination probability index of Low, Medium or High (not available for corn grain). For Corn Silages: also 12 hr NDF digestibility and qualitative assessment of 7 hr starch digestibility. (OARDC Summative Energy Equation), and NFC. Please note Ca, P, Mg and K are provided free of charge and to be used as a guide only. For accurate mineral profile via wet chemistry please select A1 + DCAD. Horse Specific option includes NIR 1 Package plus alternative energy calculation and WSC (hays only).	\$61.00
A1+ DCAD	NIR1 package + Wet Chem Mineral Profile NO3, N, P, K, Ca, Mg, Na, S, B, Cu Zn, Mn, Fe, Al, Co, Mo & Cl. Includes DCAD. (Note: Minerals by APAL—7 working day turn around time)	\$136.00
DM	Dry Matter only (%)	\$18.73
	ACE Mycotoxins - Grain & Compound Feeds ONLY. For forage mycotoxins, see USA packages.	
MA	Aflatoxin - Semi-quantitative ELISA	\$144.83
	Additional Sample/s	\$64.65
MD	Deoxynivalenol - Semi-quantitative ELISA	\$154.97
	Additional Sample/s	\$62.42
MZ	Zearalenone - Semi-quantitative ELISA	\$165.22
	Additional Sample/s	\$65.84
MYF	Total mould/yeast count FEEDS 5-6 day turnaround	\$41.64
EW	ACE Water: Coliforms count - E.coli/coliforms count. Colilert method.	\$46.75
SW	ACE water: Salmonella - Negative/positive (Positive samples will be referred for typing at additional cost)	\$87.74
SF	ACE Feeds: Salmonella - Negative	\$54.90
	ACE Feeds: Salmonella - Positive serotype (Note: Serotyping is required for salmonella positive feeds at additional cost)	\$82.34
USA PACKAGES		
Wet Chemistry Testing CVAS USA 2-3 week turn around time		\$ ex GST
B1 + F10	Standard Package (Forages only): Dry Matter, Moisture, Crude Protein, Unavailable Protein (Haylages only), Adjusted Protein, Soluble Protein, calculated Degradable Protein (Forages only), Acid Detergent Fiber (ADF), Neutral Detergent Fiber (NDF), Ash, NFC, TDN, NEL, NEM, NEG (energy values on forages only), RFV, and Ca, P, Mg, K, Na, Fe, Mn, Zn, and Cu with pH on an ensiled forage. Includes DCAD	\$161.99
B2	CPM Plus Package (All sample types): Standard Analysis (B1 & F10) plus Lignin, Fat, ADFCP, NDFCP, Chloride, Sulfur, Starch and Sugar. When combined with Fermentation Package -Soluble Fiber is calculated. Includes DCAD.	\$209.38
B7	TMR Diagnostic Package (Total Mixed Ration): DM, CP, Soluble Protein, Ammonia, ADF, NDF, peNDF (physically effective NDF - Mertens) 24 hour NDF Digestibility, Lignin, Fat, Starch, SPS (starch processing score), 7 hour Starch Degradability, Sugar, Ash, Ca, P, Mg, K, Na, Cl, S, Fe, Mn, Zn, Cu, Lactic Acid, Acetic Acid, Butyric Acid, and Penn State Particle Size Evaluation.	\$348.44
LSP	Livestock Water Suitability Package: Includes pH, hardness, Total Dissolved Solids, Ca, O, Mg, K, N, Fe, Mn, Zn, Cu, Chlorides, Sulphates and Nitrates.	\$148.13
F1	Fermentation Analysis Plus Package: Includes fermentation analysis plus methyl acetate, ethyl acetate, methanol, ethanol, propyl acetate, 2-Butanol, 1-propanol, ethyl lactate, propyl lactate. For best results, send frozen on ice.	\$151.56
OPTIONS Package discounts apply if any of the below are requested with any above USA package.		\$ ex GST
F4	Free Fatty Acids	\$144.51
F5	Heavy Metals: Includes Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Phosphorus, Potassium, Selenium, Sodium, Sulfur, Thallium, Zinc.	\$223.33
MSPE	Multi Step Protein Evaluation: DM, Protein, Soluble Protein, Ammonia, Rumen Undegradable Protein, Rumen Degradable Protein, Intestinal Digested Protein & Total Track Digested Protein. Analysis performed by procedure of D. A. Ross and M. E. Van Amburgh	\$290.00
AMINO ACIDS		\$ ex GST
AA1	Basic twelve: Cystine, Methionine, Lysine, Aspartic Acid, Threonine, Glutamic Acid, Proline, Glycine, Alanine, Valine, Isoleucine, and Leucine	\$248.33
AA2	Full profile: Basic twelve plus: Taurine, Hydroxyproline, Serine, Lanthionine, Tyrosine, Phenylalanine, Hydroxylysine, Ornithine, Histidine, and Arginine	\$317.78
AA3	Full profile plus Tryptophan	\$340.00
MOULDS AND MYCOTOXINS		\$ ex GST
F9	Mould ID: Mould/Yeast Count with Mould Identification	\$178.19
F2	Mycotoxin With DON by HPLC Aflatoxin B1, B2, G1, G2, Deoxynivalenol, Zearalenone, 15 Acetyl-Don, 3 Acetyl-Don.	\$231.67
* Note 1.5% surcharge will be added for credit card payments. Prices subject to change without notice		
Approved Sample Types and Requirements		
Grains, forages, silages*, meals, compound feeds, grain by-products		
Volume:	Wet Chem - 200g, NIR - 200g, 25g for each additional test. *Silage - please freeze and send express.	
Water	NOTE: Liquids are not suitable for NIR testing. Sending liquids other than water to CVAS USA is untenable due to FDA requirements	
Volume:	E.coli - 200ml, Salmonella - 1L and Livestock Suitability Package - 500mL	

* Turn around times are from date of receipt at Forage Lab Australia.