



**Southern Cross
University**

EAL Environmental
Analysis
Laboratory



Analytical Services

Agricultural price list

Edition: 20.1.2

Refer to our website for additional section
Price Lists scu.edu.au/eal





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Agricultural price list

The Environmental Analysis Laboratory (EAL) is part of Southern Cross University and is set up as a commercial, teaching and research facility. EAL specialises in a range of environmental testing services for waters, acid sulfate soils, agricultural soils, composts, potting mixes, landscape soils, plants and for effluent monitoring.

EAL employs over 40 professional staff and utilises the following instruments: Perkin Elmer ICPOES 8300DV; Perkin Elmer ICPOES Avio500; NexION 2000B ICPMS; NexION 300D ICPMS; NexION 350D ICPMS with FLEXAR HPLC; LECO SC832 CS Analyser; LECO TruMac CNS Analyser; CRS Analysers; Lachat FIA Nutrient Analysers; Smartchem Nutrient Analyser; Soxtherm Oils and Grease Analysers;

Bruker XRD; Leica SEM with EDAX; Hitachi desktop SEM with EDAX; Pan-analytical XRF; Malvern Mastersizer 3000LV/SM and Hydro2000MU Laser Diffraction Particle Size Analysers; Waters Ion Chromatography system; Shumatsu TOC/TN Analyser; Thermo-Finnigan IRMS; NewWave Laser Ablation System with Agilent ICPMS; Mantech AutoMax 197 pH/EC Analyser.

Specialists in the School of Environment, Science and Engineering, and Cooperative Research Centres, can also provide complete sampling, data interpretation and report production services. This includes specialists in soil science, geology, geochemistry, plant and fisheries biology, palaeontology, hydrology, marine biology and ecology.

Important notes on charges, turnaround times and results

The following points apply to sample analysis:

- Sample specific quotes can be negotiated and customised at competitive rates on request
- Payment is requested on delivery of samples (cash, eftpos, cheque). Invoices are available to regular clients. Minimum invoice amount is required
- Sub-contracted analyses are sent to approved laboratories
- On-site sample collection by qualified staff is available at a basic rate of \$110.00 +GST per hour
- Turn-around times for individual projects vary depending on the size and complexity of the task; most are completed within five to ten working days of receiving samples
- URGENT turn-around times (TAT) are available on request for selected tests. These incur 100% surcharge for one working day, 50% for two, 25% for three and 12.5% for four working days service (note samples must arrive at the laboratory by noon to ensure these TAT)
- Results are supplied in Excel and PDF report format. They detail the analytical results in relation to standard guidelines, where available
- Sample Receipt Notices, Results and Invoices are supplied by email and may be posted if requested.

Confidentiality and quality assurance

Confidentiality is an integral part of our quality assurance certification. Results will not be released to a third party without written client consent.

Strict quality control procedures are applied to all chemical, physical and bacteriological analyses. This involves frequent use of replicates to monitor precision, with standard reference materials and blanks to monitor accuracy.

The laboratory is also routinely involved in inter-laboratory comparisons and trials, including the Australian Standards National Low Level Nutrient Collaborative Trials (NLLNCT) program. EAL is a member of ASPAC (Australian Soil and Plant Analysis Council) which includes a regular Quality Assurance Program for soils and plants. EAL also assists in the formulation of suitable laboratory methods for acid sulfate soil analysis.

EAL is a NATA (National Association of Testing Authorities) accredited laboratory (Lab. Acc. No. 14960). Accreditation is on selected tests; EAL is continually updating the number of tests directly accredited by NATA. Please refer to the final page for a list of accredited procedures.

EAL uses many industry accepted method references as the base for NATA, ASPAC and other in-house methods of testing. These references include Standard Methods for the Examination of Water and Wastewater (APHA), Australian Standards (AS), National Acid Sulfate Soils Guidance (Sullivan, Ward, Toppler and Lancaster, 2018) and Soils Chemistry Methods - Australasia (Rayment and Lyons, 2011).

Instructions for submitting samples

Collection and preservation procedure for Agricultural Soil samples:

- 200-300 g required (half a plastic lunch bag is most suitable)
- Collect a representative soil sample
- Download [EAL Soil Sampling Guide](#) for suggestions
- Label bag with block, crop, client name and date of sampling.

Collection procedure for Plant Tissue samples

- 50-100 g required (paper lunch bag is most suitable)
- Collect a representative leaf sample from areas of paddock or crop
- Download [EAL Plant Leaf Sampling Guide](#) suggestions
- Label bag with block, crop, client name and date of sampling.

Collection and preservation procedure for Water samples

- Minimum of 500 mL required in a plastic water bottle
- Separate glass bottles required for oils and grease or organics (pesticides, hydrocarbons, phenol, etc.)
- Thoroughly rinse the bottle with sample water collecting a representative sample
- EAL can supply free of charge clean/sterile bottles on request
- Download [EAL Water Preservation Sampling Guide](#) for suggestions
- Label bottle with site name and date of sampling.

Complete EAL Sample Submission Form (SSF)

- Download a [Sample Submission Form](#); excel versions also available
- Complete all relevant details on the SSF
- Use Test Codes from the Price List e.g. RA-PACK-001 or PA-PACK-001
- Credit card and cheque are the preferred methods of payment.

Package and send samples

- Package sample(s) in a postpak, esky, suitable envelope or small box
- Enclose the SSF in a sealed plastic sleeve along with any other instructions
- Samples can be dropped off in person at EAL. The university gatehouse will provide directions; follow the EAL signs posted around the university. Client parking is reserved in the lane way next to sample reception
- Samples can also be sent by post or courier. TNT or TOLL are the preferred couriers, they can be contacted on 131 150 or 131 531, respectively. Please use the following delivery labels below.

Courier address:

Southern Cross University
Environmental Analysis Laboratory (EAL)
Ground floor, N Block
Military Road East Lismore NSW 2480

EAL contact:

P: 02 6620 3678 or
Graham Lancaster M: 0419 984 088

NOTE: URGENT DELIVERY OF SAMPLES FOR TESTING

Postal address:

Southern Cross University
Environmental Analysis Laboratory (EAL)
PO Box 157
Lismore NSW 2480

EAL contact:

P: 02 6620 3678 or
Graham Lancaster M: 0419 984 088

NOTE: URGENT DELIVERY OF SAMPLES FOR TESTING

Contact details:

Laboratory position	Contact	Phone / Fax	Email
Administration	Reception	02 6620 3678 / 02 6620 3957	eal@scu.edu.au
Director/Laboratory	Graham Lancaster	0419 984 088	graham.lancaster@scu.edu.au
Agricultural Co-ordinator	Kris Saville	0437 016 017	kris.saville@scu.edu.au
Senior Agricultural Technician	Josh Harris	0438 999 488	josh.harris@scu.edu.au
Compost/Landscape soils Co-ordinator	Brian Smith	0437 016 091	brian.smith@scu.edu.au

Terms and conditions: Sample submission to EAL infers acceptance of the [EAL Terms and Conditions](#).

ABN: 41 995 651 524

AGRICULTURAL ANALYTICAL SERVICES

SOIL TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	ROUTINE SOIL SUITES	PRICE excl. GST	PRICE incl. GST
RA-PACK-001	Agricultural - Albrecht/Reams Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulfur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), Organic Matter, TC/TN Ratio; Basic Colour, Basic Texture.	\$110.00	\$121.00
RA-PACK-002	Agricultural - Albrecht/Reams plus Totals Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulfur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Basic Colour, Basic Texture; Total Sodium, Potassium, Calcium, Magnesium, Sulfur, Phosphorus, Silicon, Cobalt, Molybdenum, Selenium, Zinc, Manganese, Iron, Copper, Boron and Aluminium.	\$160.00	\$176.00
RA-PACK-003	Agricultural - Albrecht/Reams plus Totals and Heavy Metals Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulfur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Basic Colour, Basic Texture; Total Sodium, Potassium, Calcium, Magnesium, Sulfur, Phosphorus, Silicon, Cobalt, Molybdenum, Selenium, Zinc, Manganese, Iron, Copper, Boron and Aluminium; Heavy Metals Silver, Arsenic, Lead, Chromium, Nickel, Cadmium, Mercury.	\$180.00	\$198.00
RA-PACK-014	Agricultural - Standard C Includes pH and EC (1:5 water); pH (1:5 CaCl); Available (Ammonium, Nitrate, Sulfur); Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Basic Colour, Basic Texture.	\$100.00	\$110.00
RA-PACK-015	Agricultural - Sugarcane Reefwise Includes pH and EC (1:5 water); pH (1:5 CaCl); Available Ammonium, Nitrate, Sulfur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Nitric Acid Extractable Potassium; Colwell Phosphorus, Phosphorous Buffer Index (PBI), BSES Phosphorus, Silicon; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; HCl Extractable Zinc; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Organic Carbon (W-B); Basic Colour, Basic Texture.	\$140.00	\$154.00
RA-PACK-017	Agricultural Basic Home Includes pH and EC (1:5 water); Exchangeable Sodium, Potassium, Calcium, Magnesium, Cation Exchange Capacity; Bray I Phosphorus; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter.	\$60.00	\$66.00

ITEM CODE	OTHER SOIL SUITES	PRICE excl. GST	PRICE incl. GST
RA-PACK-004	Agricultural - Standard A-1 Includes pH and EC (1:5 water); Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I Phosphorus; Total Carbon (TC), Total Nitrogen (TN), Organic Matter; Basic Colour, Basic Texture.	\$75.00	\$82.50
RA-PACK-018	Agricultural - Standard A-2 Includes pH and EC (1:5 water); Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Colwell Phosphorus; Total Carbon (TC), Total Nitrogen (TN), Organic Matter; Basic Colour, Basic Texture.	\$75.00	\$82.50
RA-PACK-013	Agricultural - Standard B Includes pH and EC (1:5 water); Available Ammonium, Nitrate, Sulfur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Hydrogen, Cation Exchange Capacity; Bray I and II Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Basic Colour, Basic Texture.	\$90.00	\$99.00
RA-PACK-041	Agricultural Sugar Cane Basic Includes Texture, Colour, Organic Carbon (W/B), pH/EC (H ₂ O), pH (CaCl ₂), EC-SE (Calculation), Phosphorus (Colwell, BSES), Phosphorus Buffer Index, Potassium (Nitric), Exchangeable Cations (Ammonium Acetate), Aluminium (KCl), Sulfur (MCP), and Silicon (BSES, CaCl ₂).	\$120.00	\$132.00
RA-PACK-043	Agricultural Sugar Cane Full Includes Texture, Colour, Organic Carbon (W/B), pH/EC (H ₂ O), pH (CaCl ₂), EC-SE (Calculation), Phosphorus (Colwell, BSES), Phosphorus Buffer Index, Potassium (Nitric), Exchangeable Cations (Ammonium Acetate), Aluminium (KCl), Sulfur (MCP), Silicon (BSES, CaCl ₂), Zinc (HCl), Iron/Copper/Zinc/Manganese (DTPA), Chloride (H ₂ O), Ammonium/Nitrate (KCl) and Buffer pH.	\$160.00	\$176.00
RA-PACK-042	Agricultural Sugar Cane Standard Includes Texture, Colour, Organic Carbon (W/B), pH/EC (H ₂ O), pH (CaCl ₂), EC-SE (Calculation), Phosphorus (Colwell, BSES), Phosphorus Buffer Index, Potassium (Nitric), Exchangeable Cations (Ammonium Acetate), Aluminium (KCl), Sulfur (MCP), Silicon (BSES, CaCl ₂), Zinc (HCl) and Iron/Copper/Zinc/Manganese (DTPA).	\$140.00	\$154.00
SS-PACK-113	Haney – Basic Carbon and Nitrogen Includes Water extractable Nitrate/Ammonium, Total Water extractable Nitrogen and Organic Carbon, Inorganic Nitrogen (Calc), Organic Nitrogen (Calc), Water extractable Organic Carbon: Organic Nitrogen Ratio (Calc).	\$60.00	\$66.00
SS-PACK-114	Haney – Basic Nutrients Includes Haney (H3A) extractable Nitrate, Ammonium, Calcium, Magnesium, Potassium, Sodium, Phosphorus, Sulfur, Zinc, Manganese, Iron, Copper, Aluminium.	\$50.00	\$55.00
SS-PACK-115	Haney – Basic Soil Health Includes Solvita CO ₂ respiration, Water extractable Nitrate, Ammonium; Total Water extractable Nitrogen and Organic Carbon; Inorganic Nitrogen (Calc), Organic Nitrogen (Calc), Water extractable Organic Carbon: Organic Nitrogen Ratio (Calc) and Haney Soil Health Score (Calc).	\$100.00	\$110.00
SS-PACK-116	Haney – Routine Soil Health Includes Solvita CO ₂ respiration, Water extractable Nitrate, Ammonium; Total Water extractable Nitrogen and Organic Carbon; Inorganic Nitrogen (Calc), Organic Nitrogen (Calc), Water extractable Organic Carbon: Organic Nitrogen Ratio (Calc) and Haney Soil Health Score (Calc). Haney (H3A) extractable Nitrate, Ammonium, Calcium, Magnesium, Potassium, Sodium, Phosphorus, Sulfur, Zinc, Manganese, Iron, Copper, Aluminium.	\$150.00	\$165.00

ITEM CODE	OTHER SOIL SUITES (CONT.)	PRICE excl. GST	PRICE incl. GST
SS-PACK-117	Haney – Total Soil Health Includes Solvita CO2 respiration, Water extractable Nitrate, Ammonium; Total Water extractable Nitrogen and Organic Carbon; Inorganic Nitrogen (Calc), Organic Nitrogen (Calc), Water extractable Organic Carbon: Organic Nitrogen Ratio (Calc) and Haney Soil Health Score (Calc). Haney (H3A) extractable Nitrate, Ammonium, Calcium, Magnesium, Potassium, Sodium, Phosphorus, Sulfur, Zinc, Manganese, Iron, Copper, Aluminium. Also includes pH, EC; Total Carbon, Total Nitrogen, estimated Organic Matter and Labile Carbon.	\$200.00	\$220.00
NT-PACK-005	Mehlich III Basic Includes pH and EC (1:5 water); Chloride Estimate, Extractable Mehlich III Phosphorus, Sodium, Potassium, Calcium, Magnesium, Cation Exchange Capacity, Exchangeable Sodium Percentage.	\$55.00	\$60.50
SS-PACK-037	Mehlich III Exchangeable Cations and Micronutrients Includes Mehlich III Extractable Sodium, Potassium, Calcium, Magnesium, Phosphorus, Sulfur, Aluminium, Iron, Copper, Zinc, Manganese, Boron.	\$60.00	\$66.00
NT-PACK-001	Mehlich III Standard Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulfur; Mehlich III Extractable Sodium, Potassium, Calcium, Magnesium, Hydrogen/Aluminium (calculation) Cation Exchange Capacity; Mehlich III Extractable Phosphorus, Bray II Phosphorus; Total Nitrogen (TN), Total Carbon (TC), Organic Matter; Available Micronutrients Iron, Copper, Zinc, Manganese, Silicon, Boron; Paramagnetism; Basic Colour and Basic Texture.	\$100.00	\$110.00
SS-PACK-140	Microbial Biomass Assessment - Soil Includes biomasses of 12 microbial groups relevant for soil quality, health and function.	\$259.00	\$284.90
SS-PACK-014	Pesticide Screen 1b Includes Organo-chlorines (OC), Organo-phosphates (OP), Polychlorinated Biphenyls (PCB).	\$100.00	\$110.00
RA-PACK-007	Reef Wise Pack - 1 Includes Colwell Phosphorus; Phosphorous Buffer Index (PBI); BSES Extractable Phosphorous; Organic Carbon (W-B).	\$60.00	\$66.00
RA-PACK-016	Reef Wise Pack - 2 Includes Colwell Phosphorus; Phosphorus Buffer Index (PBI); BSES Extractable Phosphorus, Silicon; CaCl ₂ Extractable Silicon; HNO ₃ Extractable Potassium; HCl Extractable Zinc; Organic Carbon (W-B).	\$75.00	\$82.50
SS-PACK-118	Residue Screen - Complete Includes RS1 + RS2 (OCOP Pesticides + Synthetic Pyrethroids – 80+ Residues + Herbicide and Fungicide – 40+ Residue)	\$280.00	\$308.00
SS-PACK-119	Residue Screen - Complete + Glyphosate Includes RS1 + RS2 (OCOP Pesticides + Synthetic Pyrethroids – 80+ Residues + Herbicide and Fungicide – 40+ Residue) + Glyphosate Screens.	\$380.00	\$418.00
SS-PACK-052	Soluble Nitrogen - Soil Includes KCl extractable Nitrate and Ammonium.	\$25.00	\$27.50
SS-PACK-045	Total Acid Extractable - Heavy Metals (ICPMS) Includes Lead, Cadmium, Arsenic, Nickel, Aluminium, Mercury, Chromium, Silver, Selenium.	\$50.00	\$55.00
RA-PACK-009	Total Acid Extractable Cobalt, Molybdenum, Selenium	\$30.00	\$33.00
RA-PACK-012	Total Acid Extractable Cobalt, Molybdenum, Selenium, Phosphorus	\$40.00	\$44.00
RA-PACK-008	Total Acid Extractable Elements Includes Sodium, Potassium, Calcium, Magnesium, Sulfur, Phosphorus, Silicon, Cobalt, Molybdenum, Selenium, Zinc, Manganese, Iron, Copper, Boron, Aluminium.	\$80.00	\$88.00

ITEM CODE	INDIVIDUAL SOIL TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-038	Chloride - Soluble	\$15.00	\$16.50
SS-SING-218	Colour (Munsell Soil Colour Classification)	\$8.00	\$8.80
SS-SING-085	Emerson Dispersion Index (Loveday and Pyle, 1973)	\$20.00	\$22.00
SS-PREP-015	Exchangeable Cation Pre-treatment for Soluble Salts Includes pretreatment with aqueous ethanol and aqueous glycerol to remove soluble salts. Recommended on soils with EC > 0.3 dS/m.	\$10.00	\$11.00
SS-PREP-020	Exchangeable Cation Suppression of Carbonates Includes pretreatment with aqueous ethanol and aqueous glycerol to remove soluble salts then extraction with 1 M Alcoholic NH ₄ Cl to suppress solid phase carbonates. Testing according to Method 15C1 with other agricultural tests.	\$40.00	\$44.00
SS-SING-204	Fertility Report - Ferti-Tech Soil/Leaf Report Preparation	\$30.00	\$33.00
SS-SING-071	Fertility Report - Keycrobe Soil/Leaf Report Preparation	\$30.00	\$33.00
SS-SING-234	Fertility Report - Vital Soils Report Preparation	\$30.00	\$33.00
SS-PREP-013	International Quarantine Handling Charge	\$70.00	\$77.00
SS-SING-001	Moisture Content - As Received (%) at 105 °C Oven-dry moisture content as a per cent of the 'as-received' sample (105 °C).	\$10.00	\$11.00
SS-SING-066	pH (1:5 CaCl₂)	\$12.50	\$13.75
SS-SING-034	Phosphorus - Olsen Includes Olsen Phosphorous - a measure of the intensity of Phosphorus.	\$15.00	\$16.50
SS-SING-032	Phosphorus - Total Acid Extractable (includes preparation)	\$30.00	\$33.00
SS-SING-037	Phosphorus Buffer Index (PBI)	\$17.50	\$19.25
SS-SING-154	Phytophthora and Pythium	\$220.00	\$242.00
SS-SING-076	Potassium - Colwell	\$15.00	\$16.50
SS-PREP-018	Saturated Paste Extract Includes extraction of saturated paste (14A3). Please select required analytical parameters from the waters codes.	\$50.00	\$55.00
SS-SING-027	Silica - Total Includes specialised NaOH high temperature fusion extraction of silicon.	\$120.00	\$132.00
SS-SING-209	SOLVITA - Soil CO₂ Burst Includes measurement of carbon dioxide released from soil due to biological activity.	\$60.00	\$66.00
SS-SING-086	Texture - Australian Soil Classification (Isbell and NCST, 2016)	\$20.00	\$22.00
SS-PREP-007	Total Dry Weight - Air dry basis Mass of the sample dried at 40 °C.	\$6.00	\$6.60

SOIL CARBON TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	SOIL CARBON SUITES	PRICE excl. GST	PRICE incl. GST
SS-PACK-139	Total Organic Carbon (TOC) on Subsoils under 2018 CFI Methodology Includes Total Organic Carbon by LECO, gravel content, air-dry mass and gravimetric water content on the air-dry soil.	\$60.00	\$66.00
SS-PACK-024	Total Organic Carbon (TOC) on Topsoils under 2018 CFI Methodology Includes Total Organic Carbon by LECO, gravel content, air-dry mass and gravimetric water content on the air-dry soil.	\$40.00	\$44.00

No additional charges if a suite is selected.

ITEM CODE	INDIVIDUAL SOIL CARBON TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-018	Carbon - Labile	\$17.50	\$19.25
SS-SING-062	Carbon - Organic by Walkley Black	\$30.00	\$33.00
SS-SING-061	Carbon - Total Organic by LECO	\$25.00	\$27.50
SS-PREP-023	Sample Compositing for Soil Carbon Subsoils (30-100 cm) Includes compositing charge for composite subsoil samples tested under 2018 CFI methodology.	\$35.00	\$38.50
SS-PREP-022	Sample Compositing for Soil Carbon Topsoils (0-30 cm) Includes compositing charge for composite topsoil samples tested under 2018 CFI methodology.	\$15.00	\$16.50

FERTILISER TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	FERTILISER SUITES	PRICE excl. GST	PRICE incl. GST
FA-PACK-003	Fertiliser - Liquid Analysis Includes pH, EC, Total Dissolved Salts (TDS) (by calc.); Total Nitrogen, Total Phosphorus; Sodium, Potassium, Calcium, Magnesium, Sulfur; Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper and Boron.	\$180.00	\$198.00
FA-PACK-001	Fertiliser - Solid Analysis Includes Moisture, pH, EC; Total Nitrogen (TN), Total Carbon (TC); Sodium, Potassium, Calcium, Magnesium, Phosphorus, Sulfur, Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper, Boron.	\$180.00	\$198.00
FA-PACK-009	Gypsum Assessment - Fertiliser Includes Moisture Content, Calcium, Magnesium, Sodium and Sulfur.	\$90.00	\$99.00
FA-PACK-014	Lime Assessment - Basic Fertiliser Includes Moisture Content, Calcium, Magnesium, Acid Neutralising Capacity (ANC-BT) and Neutralising Value.	\$110.00	\$121.00
FA-PACK-010	Lime Assessment - Coarse Fertiliser Includes Moisture Content, Calcium, Magnesium, Acid Neutralising Capacity (ANC-BT), Neutralising Value and Dry Sieving Particle Size Analysis including > 1 mm, 0.85-1 mm, 0.3-0.85 mm, < 0.3 mm fractions.	\$140.00	\$154.00
FA-PACK-011	Lime Assessment - Fine Fertiliser Includes Moisture Content, Calcium, Magnesium, Acid Neutralising Capacity (ANC-BT), Neutralising Value and Laser Diffraction Particle Size Analysis including < 0.01 mm, 0.01-0.02 mm, 0.02-0.03 mm, 0.03-0.04 mm, 0.04-0.05 mm, 0.05-0.06 mm, 0.06-0.07 mm, 0.07-0.08 mm, 0.08-0.09 mm, 0.09-0.1 mm, 0.1-0.125 mm, 0.125-0.25 mm, 0.25-0.5 mm, 0.5-1.0 mm, > 1.0 mm fractions.	\$210.00	\$231.00
FA-PACK-007	NPK Analysis - Fertiliser Includes Total Nitrogen, Total Phosphorus, Total Potassium.	\$90.00	\$99.00
FA-PACK-012	Particle Size Analysis - Dry Sieving - Coarse Fertiliser Dry sieving Particle Size Analysis including > 1 mm, 0.85-1 mm, 0.3-0.85 mm, < 0.3 mm fractions.	\$50.00	\$55.00
FA-PACK-013	Particle Size Analysis - Laser Diffraction - Fine Fertiliser Laser Diffraction Particle Size Analysis including 2000 to 0.01 µm. Size fractions include < 0.01 mm, 0.01-0.02 mm, 0.02-0.03 mm, 0.03-0.04 mm, 0.04-0.05 mm, 0.05-0.06 mm, 0.06-0.07 mm, 0.07-0.08 mm, 0.08-0.09 mm, 0.09-0.1 mm, 0.1-0.125 mm, 0.125-0.25 mm, 0.25-0.5 mm, 0.5-1.0 mm, > 1.0 mm fractions. Price dependent upon application and sample amounts.	\$120.00	\$132.00
FA-PACK-008	Soluble Nitrogen - Fertiliser Includes water extractable nitrate and ammonium on fertilisers	\$60.00	\$66.00
FA-PACK-005	Soluble Phosphorus I - Fertiliser Includes Total Phosphorus, Total Soluble Phosphorus, Water Soluble Phosphorus, 2% Citrate Soluble Phosphorus.	\$90.00	\$99.00
FA-PACK-006	Soluble Phosphorus II - Fertiliser Includes Total Phosphorus, Total Soluble Phosphorus, Water Soluble Phosphorus, 2% Citrate Soluble Phosphorus and 2% Formic Acid Soluble Phosphorus.	\$110.00	\$121.00
FA-PACK-002	Total Acid Extractable - Heavy Metals (ICPMS) - Fertiliser Includes Lead, Cadmium, Arsenic, Nickel, Aluminium, Mercury, Chromium, Silver, Selenium.	\$75.00	\$82.50

ITEM CODE	INDIVIDUAL FERTILISER TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-238	Chloride – Fertiliser Includes water soluble chloride on fertilisers.	\$40.00	\$44.00
SS-PREP-014	Fertiliser Handling Charge	\$50.00	\$55.00
SS-SING-067	Fluoride - Extractable	\$30.00	\$33.00
SW-SING-124	Insoluble Matter – Liquid Fertilisers Includes insoluble matter mg/L.	\$30.00	\$33.00
SS-SING-240	Insoluble Matter – Solid Fertilisers Includes insoluble matter mg/kg.	\$40.00	\$44.00
SS-SING-001	Moisture Content - As Received (%) at 105 °C Oven-dry moisture content as a per cent of the 'as-received' sample (105 °C).	\$10.00	\$11.00
SS-SING-233	Moisture Content - As Received (%) at 40 °C Moisture content as a per cent of air-dry equivalent soil (40 °C).	\$10.00	\$11.00
SS-SING-193	Solubility - Fertiliser Includes maximum solubility at 20°C.	\$40.00	\$44.00
SW-SING-120	Specific Gravity - Hydrometer method Includes specific gravity and temperature on sample volumes greater than 200 mL.	\$20.00	\$22.00
SW-SING-035	Specific Gravity - Volumetric method Includes specific gravity and temperature on samples with small volumes.	\$20.00	\$22.00

PLANT TISSUE AND GRAIN TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	PLANT TISSUE AND GRAIN SUITES	PRICE excl. GST	PRICE incl. GST
PA-PACK-001	Plant Testing Includes Total Nitrogen (TN), Total Carbon (TC), Total Sulfur (TS); Sodium, Potassium, Calcium, Magnesium, Phosphorus, Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper, Boron.	\$50.00	\$55.00
PA-PACK-004	Plant Testing with Leaf Washing Includes Total Nitrogen (TN), Total Carbon (TC), Total Sulfur (TS); Sodium, Potassium, Calcium, Magnesium, Phosphorus, Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper, Boron, Leaf Washing.	\$55.00	\$60.50
SS-PACK-118	Residue Screen - Complete Includes RS1 + RS2 (OCOP Pesticides + Synthetic Pyrethroids – 80+ Residues + Herbicide and Fungicide – 40+ Residue)	\$280.00	\$308.00
PA-PACK-006	Sap Analysis Includes Moisture, pH, EC, Brix; Nitrate, Ammonium; Chloride; Calcium, Magnesium, Sodium, Potassium, Phosphorus, Sulfur, Boron, Copper, Iron, Manganese, Zinc, Aluminium, Molybdenum and Cobalt. Data Only (no interpretation).	\$70.00	\$77.00
PA-PACK-005	Soluble Nitrogen Includes Nitrate and Ammonium.	\$25.00	\$27.50

No additional charges if a suite is selected.

ITEM CODE	INDIVIDUAL PLANT TISSUE AND GRAIN TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-160	Brix Reading	\$10.00	\$11.00
SS-SING-038	Chloride - Soluble	\$15.00	\$16.50
SS-SING-225	Dry Matter Content (%) at 105 °C Proportion of oven-dry solid in a 'as-received' sample (105 °C).	\$10.00	\$11.00
SS-SING-204	Fertility Report - Ferti-Tech Soil/Leaf Report Preparation	\$30.00	\$33.00
SS-SING-071	Fertility Report - Keycrobe Soil/Leaf Report Preparation	\$30.00	\$33.00
SS-SING-022	Iodine - NaOH Extraction	\$70.00	\$77.00
SS-PREP-009	Leaf Washing Please advise with samples.	\$5.00	\$5.50
SS-SING-136	Protein (Crude) Includes Total Nitrogen (TN) and Crude Protein (Calculation).	\$30.00	\$33.00

FEED AND PRODUCE TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	FEED SUITES	PRICE excl. GST	PRICE incl. GST
SS-PACK-107	<p>Feed Package - Cereal Grain (NIR- Near-Infrared Analysis) For oat, barley, wheat and triticale grains. Includes Dry Matter/Moisture (DM/Moi), Crude Protein (CP), Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Dry Matter Digestibility (DMD), Dry Organic Matter Digestibility (DOMD) and Metabolisable Energy (ME), Starch and Sugar (St/S), Fat for oats. Turnaround time: 4-5 working days.</p>	\$80.00	\$88.00
SS-PACK-109	<p>Feed Package - Horse (NIR- Near-Infrared Analysis) For hay, fresh cut pasture and cereal grains. Includes Dry Matter/Moisture (DM/Moi), Crude Protein (CP), Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Dry Matter Digestibility (DMD), Dry Organic Matter Digestibility (DOMD) and Metabolisable Energy (ME) and Horse Digestible Energy (MJ/kg). Turnaround time: 4-5 working days.</p>	\$80.00	\$88.00
SS-PACK-108	<p>Feed Package - Pelleted (NIR- Near-Infrared Analysis) For pelleted and mixed feeds. Includes Dry Matter/Moisture (DM/Moi), Crude Protein (CP), Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Dry Matter Digestibility (DMD), Dry Organic Matter Digestibility (DOMD) and Metabolisable Energy (ME), Fat and Ash. Turnaround time: 4-5 working days.</p>	\$80.00	\$88.00
SS-PACK-106	<p>Feed Package - Quality (NIR- Near-Infrared Analysis) For hay, fresh cut pasture, straw, pasture silage and maize silage. Includes Dry Matter/Moisture (DM/Moi), Crude Protein (CP), Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Dry Matter Digestibility (DMD), Dry Organic Matter Digestibility (DOMD) and Metabolisable Energy (ME). Depending on fodder type can include: Water Soluble Carbohydrates (WSC), Starch and Sugar (St/S), Fat and Ash. Turnaround time: 4-5 working days.</p>	\$80.00	\$88.00
SS-PACK-145	<p>Soluble Nitrogen - Feed Includes Nitrate and Ammonium.</p>	\$30.00	\$33.00

No additional charges if a suite is selected.

ITEM CODE	INDIVIDUAL FEED TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-239	<p>Cyanide (Total Prussic Acid in Plant/Feed samples) Includes sample preparation and Total Cyanide.</p>	\$100.00	\$110.00

All suites have preparation and digest/extract charges included.

ITEM CODE	PRODUCE SUITES	PRICE excl. GST	PRICE incl. GST
SS-PACK-084	<p>Produce Metals 1 (NATA Subcontracted) Includes Cadmium and Lead.</p>	\$95.00	\$104.50
SS-PACK-085	<p>Produce Metals 2 (NATA Subcontracted) Includes Cadmium, Lead and Mercury.</p>	\$110.00	\$121.00
SS-PACK-083	<p>Produce MRL - CR006 (C3/C5 Extended Residue) Includes Standard Residue Screen - Analysis of Pesticides (Organo-chlorines (OC), Organo-phosphates (OP)), Herbicides, Phenols, Carbamates, Acaricides, Synthetic Pyrethroids, Fungicides, Other.</p>	\$350.00	\$385.00

Agricultural Price List - Edition: 20.1.2

All suites have preparation and digest/extract charges included.

ITEM CODE	PRODUCE SUITES (CONT.)	PRICE excl. GST	PRICE incl. GST
SS-PACK-082	Produce MRL - CR006.2 (C3 Residue Screen) Includes Standard Residue Screen - Analysis of Pesticides (Organo-chlorines (OC), Organo-phosphates (OP)), Herbicides, Phenols, Carbamates, Acaricides, Synthetic Pyrethroids, Fungicides, Other.	\$210.00	\$231.00
SS-PACK-144	Produce MRL Organic Screen (C3 Residue Screen + Glyphosate+AMPA screen) Includes RS1 + RS2 (OCOP Pesticides + Synthetic Pyrethroids – 80+ Residues + Herbicide and Fungicide – 40+ Residue) + Glyphosate Screens.	\$330.00	\$363.00

No additional charges if a suite is selected.

ITEM CODE	INDIVIDUAL PRODUCE TESTS	PRICE excl. GST	PRICE incl. GST
SS-SING-214	Produce - Single Metal Includes Cadmium or Lead or Mercury. Includes preparation.	\$80.00	\$88.00
SS-SING-211	Produce Bacto 1 Includes Produce Ecoli.	\$45.00	\$49.50
SS-SING-212	Produce Bacto 2 Includes Produce Salmonella.	\$60.00	\$66.00
SS-SING-213	Produce Bacto 3 Includes Produce Listeria.	\$55.00	\$60.50

COMPOST, BIOCHAR AND HAIR TESTING

Basic Compost Testing Only. See Compost and Landscape Soils Price List for comprehensive list.

ITEM CODE	COMPOST SUITES	PRICE excl. GST	PRICE incl. GST
CA-PACK-004	Compost Available Nutrients Includes pH and EC; Soluble (Ca, Mg, K, P), Dissolved (NH ₄ , NO ₃ , S); Exchangeable (Ca, Mg, Na, K, H, Al, ECEC); Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients (Fe, Cu, Mg, Zn, B, Si); TC, TN, TC/TN Ratio, Organic Matter. Note: 200 g of sample is required.	\$120.00	\$132.00
CA-PACK-019	Compost Total and Available Nutrients Includes Moisture, pH, EC; TC, TN, TC/TN Ratio, Organic Matter; Total (Na, K, Ca, Mg, P, S, Si, Co, Mo, Fe, Mn, Zn, Cu, B); Soluble (Ca, Mg, K, P), Dissolved (NH ₄ , NO ₃ , S); Exchangeable (Ca, Mg, Na, K, H, Al, ECEC); Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients (Fe, Cu, Mg, Zn, B, Si); TC, TN, TC/TN Ratio, Organic Matter. Note: 200 g of sample is required.	\$190.00	\$209.00
CA-PACK-020	Compost Total and Available Nutrients plus Heavy Metals Includes Moisture, pH, EC; TC, TN, TC/TN Ratio, Organic Matter; Total (Na, K, Ca, Mg, P, S, Si, Co, Mo, Fe, Mn, Zn, Cu, B, Hg, Pb, Ni, Cd, Cr, Se, As); Soluble (Ca, Mg, K, P), Dissolved (NH ₄ , NO ₃ , S); Exchangeable (Ca, Mg, Na, K, H, Al, ECEC); Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients (Fe, Cu, Mg, Zn, B, Si); TC, TN, TC/TN Ratio, Organic Matter. Note: 200 g of sample is required.	\$210.00	\$231.00
CA-PACK-001	Compost Total Nutrients Includes Moisture, pH, EC; TC, TN, TC/TN Ratio, Organic Matter; Total (Na, K, Ca, Mg, P, S, Si, Co, Mo, Fe, Mn, Zn, Cu, B). Note: 200 g of sample is required.	\$100.00	\$110.00

All suites have preparation and digest/extract charges included.

ITEM CODE	BIOCHAR SUITES	PRICE excl. GST	PRICE incl. GST
SS-PACK-111	Biochar Totals Analysis Includes Moisture Content, Ash Content; pH, EC (1:10 water); Total Nitrogen (TN), Total Carbon (TC), Total Organic Carbon (TOC), TC/TN Ratio, Organic Matter; Total Sodium, Potassium, Calcium, Magnesium, Phosphorus, Sulfur, Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper, Boron; Heavy Metals Silver, Arsenic, Lead, Chromium, Nickel, Cadmium, Mercury; Acid Neutralising Capacity (ANC). Note: 200 g of sample is required to complete testing.	\$200.00	\$220.00
SS-PACK-143	Soil Testing for Biochar Application Includes Moisture, pH, EC (1:5 water); Total Organic Carbon (TOC), Total Nitrogen (TN), TC/TN Ratio; Available Nitrogen (Nitrate); Soluble Chloride; Total Metals (Sb, As, Be, B, Cd, Co, Cu, Cr, Pb, Mn, Mo, Ni, Se, Sn, V, Zn, S, P, Hg); Soluble Cations (Ca, Mg, K, Na). Note: 300 g of sample is required to complete testing.	\$205.00	\$225.50

All suites have preparation and digest/extract charges included.

ITEM CODE	HAIR SUITES	PRICE excl. GST	PRICE incl. GST
SS-PACK-050	Hair Tissue Mineral Analysis (HTMA) - Human and Animal Includes Antimony, Aluminium, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Selenium, Silver, Sodium, Strontium, Sulfur, Thallium, Thorium, Uranium, Vanadium and Zinc. Data only (no interpretation), Nitric Acid digest, minimum of 0.5 g of hair required which is equivalent to one heaped tablespoon. Collect from nape as close as possible to scalp as this reflects new growth. Provide sample double bagged to avoid contamination when opened at the laboratory.	\$80.00	\$88.00

AGRICULTURAL WATER TESTING

All suites have preparation and digest/extract charges included.

ITEM CODE	AGRICULTURAL WATER SUITES	PRICE excl. GST	PRICE incl. GST
SW-PACK-007	Agricultural Stock Use Includes pH, EC, Total Dissolved Salts (TDS) (calculation); Water Hardness; Total Alkalinity; Copper, Lead, Cadmium, Zinc, Arsenic, Selenium, Iron, Manganese, Silver, Chromium, Nickel, Aluminium, Mercury; Nitrate, Ammonium, Phosphate; Faecal Coliforms.	\$120.00	\$132.00
SW-PACK-064	Bacteria for Freshcare Accreditation (NATA Accredited) Includes E.Coli.	\$60.00	\$66.00
SW-PACK-005	Irrigation and Livestock Suitability – Comprehensive Includes pH, EC, Total Dissolved Salts (TDS) (calculation), Water Hardness, Total Alkalinity, Turbidity, Total Coliforms and E.Coli Bacteria; Aluminium, Arsenic, Cadmium, Chromium, Copper, Iron, Manganese, Nickel, Lead, Zinc; Nitrate, Ammonium, Phosphate; Sodium, Potassium, Calcium, Magnesium, Chloride, Sulfate, Sodium Absorption Ratio (SAR).	\$150.00	\$165.00
SW-PACK-004	Irrigation Suitability - Basic Includes pH, EC, Total Dissolved Salts (TDS) (calculation), Iron and Manganese; Sodium, Potassium, Calcium, Magnesium, Sulfate, Chloride; Turbidity, Total Alkalinity, Water Hardness (calculation), Saturation Index; Sodium Absorption Ratio (SAR).	\$80.00	\$88.00
SW-PACK-024	Pesticide Screen 2a - Low Level Includes Low Level Pesticide Analysis: Organo-chlorines (OC) and Organo-phosphates (OP).	\$170.00	\$187.00
SW-PACK-002	Water Quality - Basic For drinking and domestic use. Includes pH, EC, Total Dissolved Salts (TDS) (calculation), Water Hardness, Total Alkalinity, Turbidity, Total Coliforms, E.Coli Bacteria.	\$70.00	\$77.00
SW-PACK-003	Water Quality - Comprehensive For drinking and domestic use. Includes pH, EC, Total Dissolved Salts (TDS) (calculation), Water Hardness, Total Alkalinity, Turbidity, Total Coliforms and E.Coli Bacteria; Nitrate; Aluminium, Arsenic, Cadmium, Chromium, Copper, Iron, Manganese, Nickel, Lead, Zinc.	\$110.00	\$121.00

No additional charges if a suite is selected.

ITEM CODE	INDIVIDUAL AGRICULTURAL WATER TESTS	PRICE excl. GST	PRICE incl. GST
SW-SING-022	Algae - Basic ID and Count (Blue Green Algae only) by Microscopic Identification	\$110.00	\$121.00
SW-SING-123	Algae - Full ID and Count by Microscopic Identification	\$160.00	\$176.00

NATA ACCREDITED TESTS (Lab Acc. No. 14960)



ID	Tests	Reference
S1	Soil pH and Electrical Conductivity	In-house (re R&L 3A1, 4A1)
S4a	Total C,N,S by Dumas in Soil and Plant	In-house (re R&L 6B2b, 7AS)
S8	DTPA – Cu,Zn,Mn,Fe	In-house (re R&L 12A1)
S9c	Exchangeable bases and CEC-1M Ammonium Acetate	In-house (re R&L 15D3)
S14	Acid Neutralising Capacity	In-house (re National Guidance NLM-5.2)
S15b	Total Organic Carbon in Soil by Dumas	In-house (re R&L 6B3)
S16b	Titrateable Actual Acidity	In-house (re National Guidance NLM-3.2)
S20	Chromium Reducible Sulfur	In-house (re National Guidance NLM-2.1)
S21	Acid Sulfate Soil pH-F and pH-FOX Testing	In-house (re National Guidance)
S38	Lead in Paint	In-house
W1	Turbidity	In-house
W4	Total N/Total P (Lachat)	In-house (re APHA 4500 P-H N-C)
W6	Nitrite in Waters (Lachat)	APHA 4500 NO3-I
W7	Nitrate in Waters (Lachat)	APHA 4500 NO3-F
W8	Ortho-Phosphate in Waters (Lachat)	APHA 4500 P-G
W9	Ammonia in Waters (Lachat)	APHA 4500 NH3-H
W25	Total Suspended Solids	APHA 2540-D
W26	BOD in Waters and Wastewaters	APHA 5210-B
W28a	Total Oils and Grease Automated	APHA 5520-D
W31	Water pH and Conductivity	APHA 4500-H & 2510-B
W32	ICPMS Metals Analysis in Soils and Waters (Al,Sb,As,Ba,Be,Bi,B,Cd,Ca,Cr,Co,Cu,Fe,Pb,Li, Mg,Mn,Hg,Mo,Ni,P,K,Se,Ag,Na, Sr,S,Tl,Th,Sn,U,V,Zn)	In-house (re APHA 3125)
W32a	Trace Metals in Saline Water (Al,As,Ba,Be,Bi,Cd,Cr,Co,Cu,Fe,Pb,Mn, Hg,Mo,Ni,Se,Ag,Tl,U,V,Zn)	In-house (re APHA 3125)
W33	Soluble Chlorine as Chloride in Waters	In-house (by ICPMS)

ASPAC TESTS (for Plant and Soil materials)



Soil tests	Reference
pH	R&L 4A1, 4B1, 4B2
Electrical Conductivity	R&L 3A1
Bray 1, Colwell, Olsen Phosphorus	R&L 9E2, 9B2, 9C2
Total Phosphorus	R&L 17C1
Exchangeable Cations – Ca,Mg,K,Na	R&L 15D3
Exchangeable Cations – H,Al	R&L 15G1
DTPA - Fe,Cu,Zn,Mn	R&L 12A1
Total Carbon & Nitrogen	R&L 6B2b, 7A5
Nitrate & Ammonium Nitrogen	R&L 7C2
Soluble Chloride	R&L 5A2
Extractable Boron	R&L 12C2
Extractable Sulfur	R&L 10D1
Phosphorus Buffer Index	R&L 9I2b
Mehlich – Ca,Mg,K,Na,Fe,Cu,Zn,Mn,PS,Al,B	R&L 18F1

Acid Sulfate Soil Tests	Reference
Chromium Reducible Sulfur	NLM-2.1
Potassium Chloride pH	NLM-3.1
Titrateable Actual Acidity	NLM-3.2
Potassium Chloride Extractable Sulfur	NLM-4.1
Peroxide Sulfur	NLM-2.2
4 M Hydrochloric Acid Extractable Sulfur	NLM-4.1
Acid Neutralising Capacity (BT)	NLM-5.1

Plant Tissue Tests	Reference
Total Nutrients (Ca,Mg,P,K,Na,Si,B,S,Cd,Co,Fe,Pb,Mn,Mo,Se,Zn)	AE-24
LECO – C,N,S	CA-37
Soluble Chloride	BB-32

Notes: R&L methods from Rayment & Lyons (2011). NLM methods from National Acid Sulfate Soils Guidance (2018). APHA methods from American Public Health Association (2017). See EAL website under 'About' for current scope of accreditation for NATA and ASPAC.