COFFS HARBOUR LABORATORY

# COFFS HARBOUR **LABORATORY**

Price List 2026/27

CITY OF COFFS HARBOUR

NATA

# WHY COFFS HARBOUR LABORATORY?

The Coffs Harbour Laboratory stands out as a leading provider of chemical and microbiological analysis for various water sources, including drinking water, effluents, bore water, tank water, pools, and environmental waters. With NATA accreditation, we have earned a reputation for excellence in this field.

Our services cater to a diverse clientele, including local councils, government departments, oyster growers, developers, businesses, and private individuals. We excel in monitoring water, soil, and leachate samples, delivering top-notch analytical results.

Key reasons to partner with Coffs Harbour Laboratory:

- Tailored customer service: Our team collaborates closely with you to identify and perform the precise tests required for your specific needs.
- Highly skilled professionals: The laboratory is staffed with experienced experts who are well-versed in their respective domains.
- Comprehensive testing options: We offer an extensive array of chemical and biological tests for both soil and water, ensuring comprehensive analysis.
- Competitive rates: Despite our high-quality services, we maintain competitive pricing to benefit our clients.

Throughout our 30-year tenure, the Coffs Harbour Laboratory has upheld a strong commitment to quality assurance, adhering to national and international guidelines. Our dedication to exceptional customer service remains constant, making us the ideal choice for your analysis needs.

COFFS HARBOUR LABORATORY

# OUR TESTS

## WATER

Whether it is for irrigation, spraying, drinking water or swimming pools, it is important to regularly test the water quality for its intended purpose.

Our experienced staff can collect water samples from business or private water supplies to monitor metals, nutrients, salts, bacteria and algal from many different water sources including bores, dams, springs, creeks, swimming pools and tanks.

We monitor the results against national and international guidelines and provide advice on best management practices for water quality maintenance and distribution systems to maintain a safe and high-quality water supply.

## WASTEWATER, SEDIMENTS AND BIOSOLIDS

Wastewater, sediments and biosolids The Coffs Harbour Laboratory regularly tests and monitors the treatment of wastewaters, sediments, biosolids, reclaimed water and the impact of waste discharges for the Coffs Harbour City Council, surrounding councils and private clients.

We are committed to maintaining the quality of local waterways to ensure authorised discharge is safe and meets the strict compliance requirements.

## SOIL

A soil sample test indicates nutrient deficiencies, potential toxicities from pesticides and levels of trace minerals. We offer a variety of tests, targeting groups of compounds and minerals, and provide recommendations for improvement.

## OUR ANALYSIS

### CHEMICAL

- Alkalinity
- Carbon Dioxide
- Colour
- Turbidity
- pH
- Conductivity
- Salinity
- Oil & Grease
- Chloride
- Chlorine (free/total)
- Hardness
- Nitrogen
- Biochemical Oxygen Demand
- Chemical Oxygen Demand
- Phosphorus
- Metal Analysis
- Suspended, dissolved and total solids
- TOC
- Pesticides /THM/BTEX
- Biotoxins in shellfish
- Acid Sulphate Soil Screening

### MICROBIOLOGICAL

- Faecal Coliforms
- Total Coliforms
- Heterotrophic plate count
- Enterococcus
- Microscopic identifications
- Algal counts / identifications
- E-coli in oyster flesh

# POPULAR WATER TESTING PACKAGES

Package pricing is inclusive of all administrative and analytical fees and GST.

## HOUSEHOLD AND DRINKING WATER PACKAGES

| | |
|---|---|
| **Basic Water Quality:**<br>pH, conductivity, total dissolved solids, salinity, alkalinity, turbidity | $100.00 |
| **Langliers Index for Corrosivity:**<br>pH, conductivity, turbidity, total dissolved solids, total hardness, alkalinity | $118.00 |
| **Microbiological Water Quality:**<br>E.Coli, total coliforms | $125.00 |
| **Shortwater:**<br>pH, total dissolved solids, conductivity, salinity, turbidity, calcium hardness, alkalinity, aluminium, arsenic, boron, cadmium, calcium, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, zinc, E. Coli, Langelier index | $195.00 |
| **Comprehensive Water Quality:**<br>pH, total dissolved solids, conductivity, salinity, turbidity, calcium hardness, alkalinity, aluminium, arsenic, boron, cadmium, calcium, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, zinc, E. Coli, Langelier index, total nitrogen, total phosphorus | $267.80 |

## FARMING AND LIVESTOCK PACKAGES

| | |
|---|---|
| **Freshcare E.Coli Testing:** | $112.00 |
| **Irrigation Suitability:**<br>Nitrate, ammonia, phosphate, sodium, potassium, calcium, magnesium, chloride, sulphate, sodium absorption ratio, aluminium, arsenic, cadmium, chromium, copper, iron, manganese, nickel, lead, zinc, pH, TDS and conductivity, E.Coli | $260.00 |
| **Agricultural Stock Use:**<br>pH, conductivity, total dissolved solids, hardness, alkalinity, nitrate, ammonia, phosphate, metal scan, E.Coli | $210.00 |

## RECREATIONAL WATER PACKAGES

| | |
|---|---|
| **Salts Suite:**<br>pH, conductivity, sodium, potassium, calcium, magnesium, sulphate, chloride, alkalinity, hardness, Sodium Absorption Ratio | $105.00 |
| **Pool Water Package:**<br>Total Plate Count, Pseudomonas Aeruginosa, Thermotolerant Coliforms, Sampling | $208.00 |
| **EPA Suite:**<br>pH, conductivity, total dissolved solids, total suspended solids, nitrate, nitrite, phosphate, ammonia, total nitrogen, total phosphate, Biochemical Oxygen Demand, faecal coliforms | $245.00 |
| **Acid Sulphate Water:**<br>pH, EC, TDS, iron dissolved, aluminium (dissolved), chloride, sulphate | $100.00 |

## AS/NZS 4187 STERILIZATION PACKAGES

| | |
|---|---|
| **AS/NZS 4187 Table 7.2 Package:**<br>includes pH, conductivity, total hardness, total dissolved solids, chloride, iron, phosphate, silicate, total viable count, endotoxins | $343.00 |
| **AS/NZS 4187 Table 7.2A Package:**<br>includes pH, conductivity, total hardness, total dissolved solids, chloride, iron, phosphate, silicate, total viable count | $168.00 |
| **AS/NZS 4187 Table 7.3 Package:**<br>includes total viable count, pseudomonas aeruginosa, mycobacterium sp.*, conductivity | $515.00 |
| **AS/NZS 4187 Table 7.4 Package:**<br>includes total solids, silicates, iron, cadmium, lead, aluminium, arsenic, chromium, copper, nickel, selenium, zing, mercury*, chloride, phosphates, conductivity, pH, appearance, hardness | $300.00 |
| **AS/NZS 4187 Table 7.2.3.1 Package:**<br>includes hardness, chloride, total dissolved solids | $115.00 |

## ADMINISTRATION FEES

| | |
|---|---|
| Administration Fee (applied per batch of samples) | $45.00 |
| Sample Dispatch Fee (applied per shipment for subcontracted tests) | $77.00 |
| Sampling (per hour – minimum 2 hours) | $188.00 |
| Weekend Surcharge (per hour – minimum 1.5 hours) | $154.00 |
| Extensive Report | $90.00 |
| Re-issue of Report | $45.00 |
| Urgent Turnaround Time | P.O.A. |
| Quotations | No Charge |
| Minimum Charge (minimum fee for any invoiced work) | $110.00 |

## SAMPLE PREPARATION – IF REQUIRED PRIOR TO TESTING

| | |
|---|---|
| Drying | $23.00 |
| Filtration | $8.00 |
| Other Sample Preparation | $23.00 |

# INDIVIDUAL WATER TESTS

## CHEMICAL TESTING

| | |
|---|---|
| Acidity | $25.00 |
| Alkalinity | $25.00 |
| Biochemical Oxygen Demand | $72.80 |
| Bromide | $33.50 |
| Calcium | $24.50 |
| Chemical Oxygen Demand | $62.50 |
| Chloride | $34.00 |
| Chlorine (free) | $23.00 |
| Chlorine (total) | $23.00 |
| Chlorophyll A | $64.50 |
| Fluoride | $44.00 |
| Formaldehyde | $168.50 |
| Hardness (total) | $25.00 |
| Hardness (calcium) | $25.00 |
| Hardness (magnesium) | $25.00 |
| Hexavalent Chromium | $36.50 |
| Sulfate | $34.00 |
| Sulfide | $23.00 |
| Surfactants | $208.00 |
| Organic Carbon (dissolved) | $46.80 |
| Organic Carbon (total) | $46.80 |
| Oil & Grease | $85.30 |

## PHYSICAL TESTING

| | |
|---|---|
| Colour | $15.00 |
| Conductivity | $15.00 |
| Dissolved Oxygen ▲ | $15.00 |
| Dust Monitoring | $77.00 |
| pH | $15.00 |
| Salinity | $15.00 |
| Solids (dissolved) ▲ | $15.00 |
| Solids (total) | $15.00 |
| Solids (suspended) | $31.00 |
| Solids (volatile) | $47.00 |
| Specific Gravity | $56.00 |
| Turbidity | $15.00 |
| UV Transmittance | $15.00 |

▲ Filtration charges apply for these tests

## METALS TESTING (Ca, Cd, Cr, K, Mg, Na, Ni, Pb, Zn, Cu, As, Fe, Mn, Al)

| | |
|---|---|
| Metals Preparation Fee | $34.00 |
| Individual Components | $4.50 |
| Complete Metal Scan | $90.00 |
| Low Level Metals <1ppb (surcharge) | P.O.A |
| Other metals not listed | P.O.A |

## NUTRIENT ANALYSIS (TN, TP, TKN, $NH_3$, $NO_X$, $NO_3$, $NO_2$, OP, Organic N)

| | |
|---|---|
| Individual Components | $39.50 |
| Total Kjeldahl Nitrogen / Organic Nitrogen | $77.00 |
| Total Nitrogen and Total Phosphorus Suite | $72.80 |
| Dissolved Nutrient Suite ($NH_3$ $NO_X$ $NO_3$ $NO_2$ OP) | $77.00 |
| Full Nutrient Suite (TN, TP, TKN, $NH_3$ $NO_X$ $NO_3$ $NO_2$ OP, Organic N) | $128.00 |
| Low Level Nutrients (surcharge) | $10.00 |

## ORGANIC TESTING

| | |
|---|---|
| Pesticide Screen (Organochlorine Pesticides, Organophosphate Pesticides)* | P.O.A |
| Comprehensive Pesticide/Fungicide Screen (Herbicides, Fungicides, Carbamates, Synthetic Pyrethroids, Organochlorine Pesticides, Organophosphate Pesticides, Miscellaneous Pesticides)* | P.O.A |
| Polycyclic Aromatic Hydrocarbons (PAHs)* | P.O.A |
| Total Petroleum Hydrocarbons* | P.O.A |
| Total Recoverable Hydrocarbons* | P.O.A |
| BTEX* | P.O.A |
| Phenolics* | P.O.A |
| Volatile Fatty Acids* | P.O.A |

**Sample dispatch fees apply for these tests*

## BIOLOGICAL TESTING*

| | | |
|---|---|---|
| E. Coli in water | | $67.00 |
| E. Coli & Total Coliforms (Water) | | $85.00 |
| Enterococcus | (presumptive) | $45.50 |
| | (confirmed) | $91.00 |
| Pseudomonas | (presumptive) | $45.50 |
| | (confirmed) | $91.00 |
| Thermotolerant Coliforms | (presumptive) | $45.50 |
| | (confirmed) | $91.00 |
| Total Bacteria | | $45.50 |
| Total Viable Count | | $45.50 |
| Other microbial tests not listed | | P.O.A |

*Plus adminstration fee

## ALGAL INSPECTION

| | |
|---|---|
| Algal Inspection | $80.00 |
| Algal Inspection and Count | $185.00 |
| Other microscopic inspections | P.O.A |

# SOIL TESTING

## INDIVIDUAL SOIL TESTS

| | |
|---|---|
| Moisture content (required as part of sample preparation) | $23.00 |
| Conductivity (1:5 extract) | $24.00 |
| pH (1:5 extract) | $24.00 |
| Metals (sample preparation fee) | $34.00 |
| (individual components) | $4.50 |
| (complete metals scan) | $90.00 |
| Total Organic Carbon | $46.80 |
| Pocas (tpa & taa) | $198.00 |

# FOOD AND PRODUCE TESTING

## INDIVIDUAL FOOD AND PRODUCE TESTS

| | |
|---|---|
| E. Coli in oyster meat | $72.80 |
| Multi-Residue Screen in Plant Products* | $420.00 |
| Cadmium* | $150.00 |
| Lead* | $150.00 |
| E. Coli in Plant Products* | $75.00 |
| Listeria in Plant Products* | $48.50 |
| Salmonella in Plant Products* | $48.50 |

*Sample dispatch fees apply for these tests*

# CONTACT US


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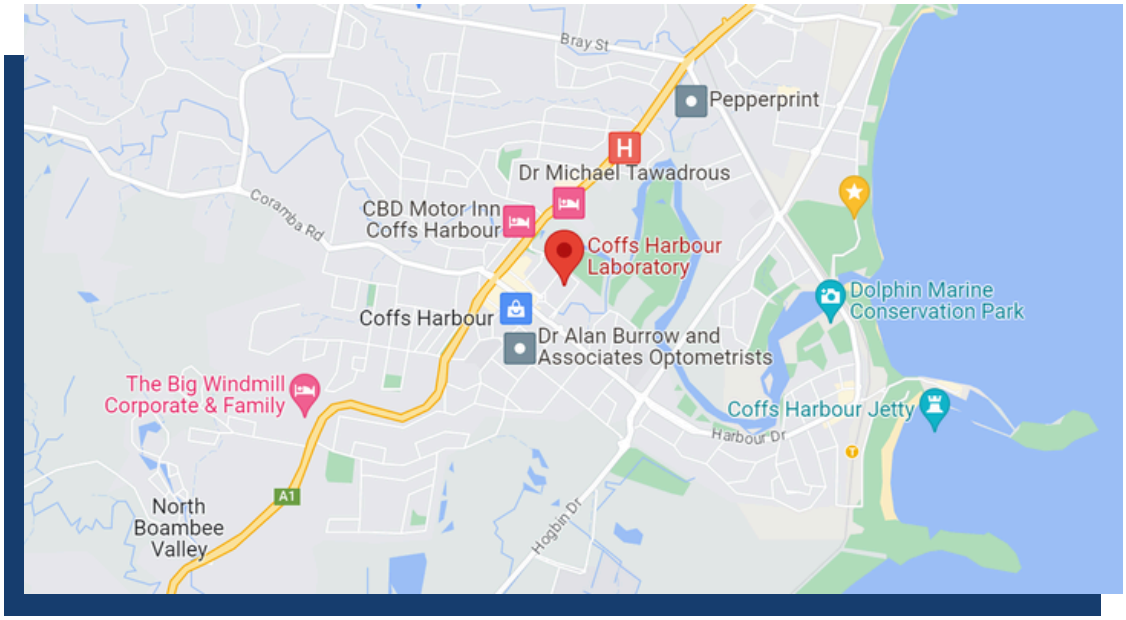


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