

## Townsville Laboratory Services

### Algal Identification and Toxins Analysis

Townsville Laboratory Services provides algal identification and enumeration services to many local government groups.

Many types of algae, including blue-green algae, can affect the quality of water by causing unsightly scums, imparting tastes and odours, and blocking filters during water treatment. Additionally, certain species can also produce toxins which can be a serious hazard to animal and human health. The laboratory is able to do microscopic identification of algae, as well as the testing of cylindrospermopsin and anatoxin in raw and treated water samples.

#### Algal identification

Townsville Laboratory Services uses microscopic algal morphology to identify genus of cyanobacteria and other algae.

#### Algal toxins identification

Townsville Laboratory Services uses advanced Liquid Chromatography with Triple Quadrupole Spectrometry for the analysis of algal toxins, providing exceptional turn-around time.

#### Analytical Services

Algal identification and toxins analysis is available to private businesses, organisations and external clients at competitive pricing. Please contact us for further information.

#### Contact

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#### Accreditation and quality assurance

Townsville Laboratory Services is NATA accredited for chemical testing and biological testing (accreditation number 14698).

Townsville Laboratory Services obtained quality system certification to ISO 9001 and ISO 14001 in 2003.

