



Algal Toxin Proficiency Testing Programs Assess Your Lab's Performance

Eurofins Abraxis' trusted **Algal Toxin Proficiency Testing Program** satisfies the increasing international demand for conformity assessment in the field of cyanotoxin analysis and provides an independent assessment of your laboratory's performance, giving you confidence in your lab's ability to deliver quality results to your customers.

Our algal toxin proficiency testing program, with options for both ELISA and instrumental analysis, is offered at various times throughout the year. Testing programs for finished drinking water and raw water sample matrices are available for the following algal toxins:

- Microcystins
- Anatoxin-a
- Cylindrospermopsin
- Saxitoxin

Algal Toxin Proficiency Testing Programs



A general timeline for the algal toxin proficiency testing program is indicated in the table below:

Sample Matrix	Analyte	Technique	Program #	Registration Close	Samples Sent	Results Due Back	Final Report Distributed
Finished Drinking Water	Microcystins	Instrumental (HPLC)	520080-01A	Late February	Late March/ Early April	Mid-Late April	Early-Mid June
		ELISA/PPIA	520080-01B	Late February	Late March/ Early April	Mid-Late April	Early-Mid June
	Anatoxin-a/ Cylindrospermopsin	Instrumental (HPLC)	520080-02A	Late February	Late March/ Early April	Mid-Late April	Early-Mid June
		ELISA/PPIA	520080-02B	Late February	Late March/ Early April	Mid-Late April	Early-Mid June
	Saxitoxin	ELISA/PPIA	520080-05B	Early August	Late March/ Early April	Early October	Mid November
Raw Water (Source/ Recreational)	Microcystins	Instrumental (HPLC)	520080-03A	Late May	Late June/ Early July	Mid-Late July	Early-Mid September
		ELISA/PPIA	520080-03B	Late May	Late June/ Early July	Mid-Late July	Early-Mid September
	Anatoxin-a/ Cylindrospermopsin	Instrumental (HPLC)	520080-04A	Late May	Late June/ Early July	Mid-Late July	Early-Mid September
		ELISA/PPIA	520080-04B	Late May	Late June/ Early July	Mid-Late July	Early-Mid September
	Saxitoxin	ELISA/PPIA	520080-06B	Early August	Early-Mid September	Early October	Mid November

How the Proficiency Testing Program Works

- Each participant laboratory receives a **unique code** to maintain confidentiality.
- Eurofins Abraxis produces and distributes **water samples** that have been spiked with known toxin congeners and concentrations.
- **Participant labs test the samples**, using their own equipment, methods and personnel, and return the test results to Eurofins Abraxis.
- Eurofins Abraxis prepares a **comprehensive program report** including laboratory reported results, methods used, and a statistical evaluation comparing results to other laboratories performing the same analysis.

NOTE: Kits and/or testing materials are not included in the program price and must be purchased separately.

For more information and to register please visit our **Proficiency Testing** page in the **Services** section on our website at www.abraxiskits.com

R04232021