



Water Quality Results Certificate

Client: PTP Coaching

Certificate reference:

ALG-PTP-130922

Report date:

15/09/2022

Analysis start date:

14/09/2022

Sampling Results

Sample 1			
Algae species	Algae type	No of colonies or filaments/1ml	No of cells/ml
Microcystis aeruginosa (Phylum: Cyanobacteria, Order: Chroococcales)	'Blue-green' Colonies (500 cells)	<1	<500
Woronichinia naegeliana (Phylum: Cyanobacteria, Order: Synechococcales)	'Blue-green' Colonies (500 cells)	<1	<500
		Total cells/ml:	<1,000
		WHO rating:	Relatively Low

Comments

The sample was examined for the presence of Cyanobacteria at x400 magnification. 200ml of the sample was then filtered to concentrate the algal cells and then examined at x200 and x400 magnification.

Two species of cyanobacteria were found, at very low levels.

As the average number of filaments was less than one in each sample, the cell count above is approximate up to a maximum threshold.

The sample contained a bloom of the dinoflagellate *Ceratium hirundinella*.

The World Health Organisation (WHO Rating) above indicates levels of algae present in the sample(s), against WHO guidance values.

Please visit www.swim-safety.co.uk/results-guidance/ for more info on results thresholds.