

Water Quality Results Certificate



Client Name: Healthy Life Activities

Water Body Name: Welsh Water

Certificate Reference: ALG-HLA-030523

Analysis Start Date: 04/05/2023

Report Date: 05/05/2023

Analysis Results – Algae

Sample 1

| Algae species | Algae type | No of colonies or filaments/ml | No of cells/ml |
|---------------|------------|--------------------------------|----------------|
| None Detected | Blue Green | 0 | 0 |
| | | Total cells/ml: | 0 |
| | | WHO Rating: | N/A |

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 upto x400 magnification.

One species of cyanobacteria was found in the sample, at very low levels (<1 filament/ml).

The most abundant species in the sample was the filament-forming, spined diatom *Chaetoceros* sp., which is a marine/brackish water genus.

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.