

Microcystin Analysis Report

Project: TLBP
(City of Lakeside, OR)

Sample Identification

1. N. Lake

Sample Collection Date

09/25/07

Sample Prep – The sample was ultra-sonicated to lyse all cells and release toxins.

Analytical Methodology – A microcystins enzyme linked immunosorbent assay (ELISA) was utilized for the quantitative and sensitive congener-independent detection of MCs. The current ELISA kit is sensitive down to a detection/quantification limit of 0.15 µg/L.

Summary of Results

Sample

1. N. Lake

MC levels

(µg/L)
≈ 7.5

Limit of Detection = 0.15 µg/L

* Microcystin data is contained in accompanying spreadsheet.