|  |  |  |  |
| --- | --- | --- | --- |
| Consecutive List of Protocols | Data Gathered | Derived Data and Data Processing Plan | Manner of Presentation |
| Estimation of Cell Density | - Cell count of *Scendesmus* during 7 days of exposure period | - trend of algal cell number over the 7 days exposure time per concentration of metal |  |
| Growth Curve of *Scenedesmus* exposed to varying concentration of lead | - Growth curve of *Scenedesmus* at different concentration during 7 days of exposure to lead | - difference of growth curve (lag, exponential, stationary and decline phase) of alga over 7 days per metal concentration |  |
| Chlorophyll Content of *Scenedesmus* exposed to varying concentration of lead | - Chlorophyll A, B and total chlorophyll content of *Scenedesmus* after 7 days of exposureu | - difference of chlorophyll content of algal cell per concentration of metal over 7 days (chlorophyll a, b and total chlorophyll) |  |
| Bioaccumulation of lead metal from the medium into the alga *Scenedesmus* | - Lead accumulated by *Scenedesmus* after 7 days of exposure period | - difference of concentration of remaining lead metal in the medium, concentration of metal absorbed, percentage bioaccumulation, total metal removed in the medium and percentage removal of *Scenedesmus* |  |

**Title: Bioaccumulation of Lead using Freshwater Algae *Scenedesmus bijugatus* under controlled laboratory condition**