

Supplementary Material

Solar photo-Fenton at neutral pH applied to microcystin-LR degradation: Fe^{2+} , H_2O_2 and reactional matrix effects

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Table S1. Composition of the matrix ASM-1.

| Substance | Concentration (mg L ⁻¹) |
|--|-------------------------------------|
| NaNO ₃ | 170.00 |
| MgSO ₄ ·7H ₂ O | 49.00 |
| MgCl ₂ ·6H ₂ O | 41.00 |
| CaCl ₂ ·2H ₂ O | 29.00 |
| KH ₂ PO ₄ | 43.50 |
| Na ₂ HPO ₄ ·12H ₂ O | 35.30 |
| H ₃ BO ₃ | 2.80 |
| MnCl ₂ ·4H ₂ O | 1.40 |
| FeCl ₂ ·6H ₂ O | 0.91 |
| ZnCl ₂ | 0.34 |
| CoCl ₂ ·6H ₂ O | 0.019 |
| CuCl ₂ ·2H ₂ O | 0.0014 |
| EDTA Tritriplex | 7.36 |

pH adjusted to 7.4±0.1 with NaOH 0.1 mol L⁻¹ solution.

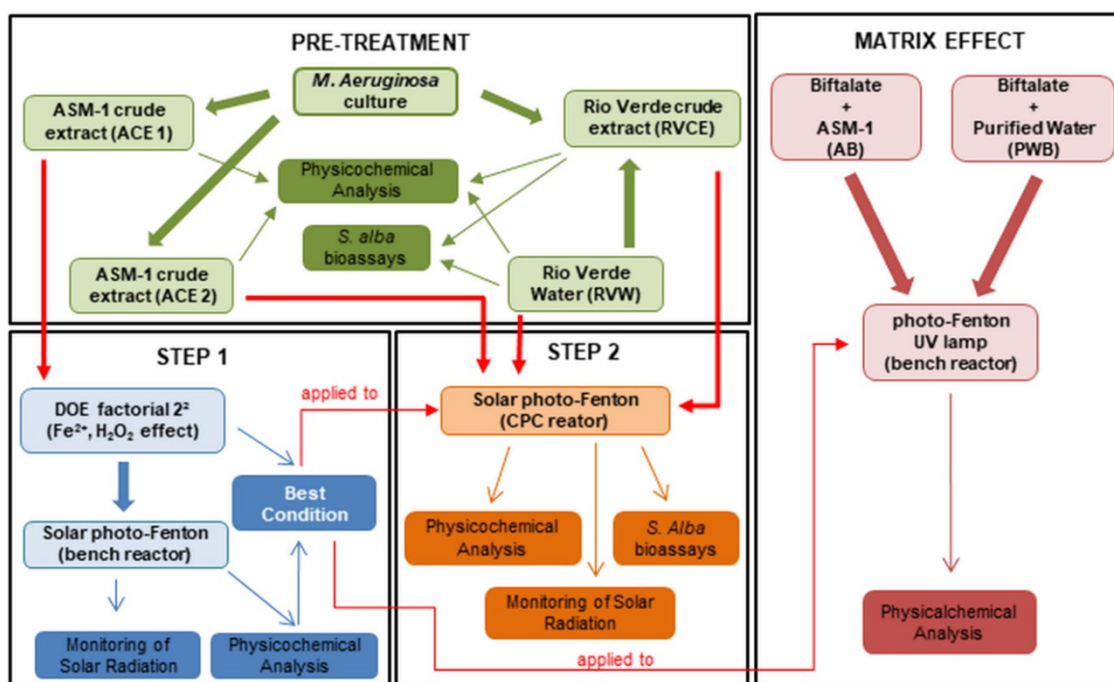


Fig. S2. Flowchart with general view about steps of works, samples used and monitoring of process.