

ESM 1: Physical and chemical parameters of the water in Lagoa Misteriosa, Jardim, MS.
 OD = Dissolved oxygen; TDS = Total dissolved solids; WAB = With the presence of algal bloom (October and December 2021 and February 2022); AAB = Absence of algal bloom (April, June, and August 2022).

	WAB			AAB		
	October	December	February	April	June	August
pH	7,55± 0,16	8,42± 0,02	8,23± 0,03	7,36± 0,16	7,19± 0,12	7,14± 0,07
OD	8,22± 0,38	7,88± 0,37	7,87± 0,20	7,55± 0,16	5,95± 0,29	6,75± 0,16
Conductivity	272,89± 33,34	478,78± 1,92	233,56± 0,73	292,78± 0,44	353,00± 0,00	368,44± 0,53
TDS	142,00± 0,00	239,33± 0,87	116,67± 0,50	145,67± 1,00	184,00± 0,00	184,00± 0,00
Vertical	22,5±	4±	3±	31±	49±	55±
Transparency	0,00	0,00	0,00	0,00	0,00	0,00