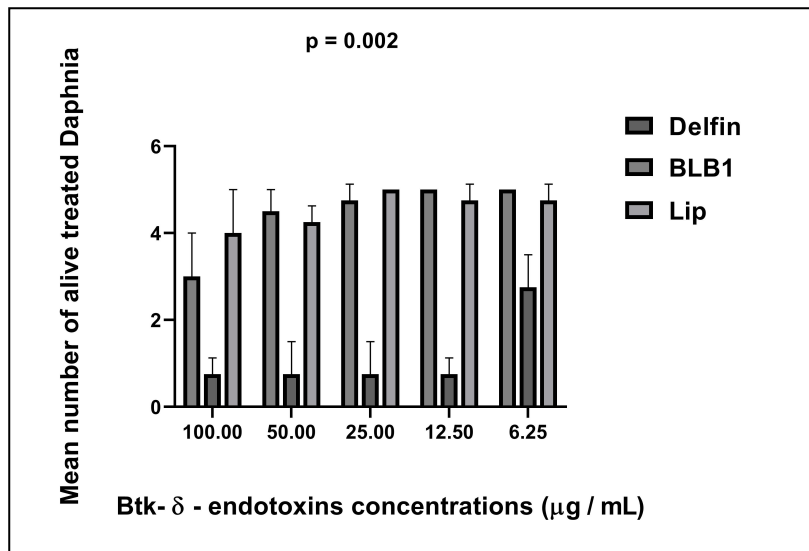


Table S1. Endotoxin concentrations based on Bradford assay

Btk-biopesticide	Endotoxin concentrations
BLB1	1992,941 $\mu\text{g}/100\text{mg}$
Lip	1500,784 $\mu\text{g}/100\text{mg}$
Delphin	7045,882 $\mu\text{g}/100\text{mg}$



*
 δ - endotoxins concentration ($\mu\text{g}/\text{mL}$)

C1	100
C2	50
C3	25
C4	12.5
C5	6.25

Figure S.1. Viability of the treated *D. magna* after exposition to the various Btk-biopesticides, tested at different δ - endotoxins concentrations (Endpoint assessment at 48 h of alive treated *Daphnia*). Data expressed relative to mean value. Bars represent the mean \pm SE. The significance has been assessed using one-way ANOVA with Tukey test.

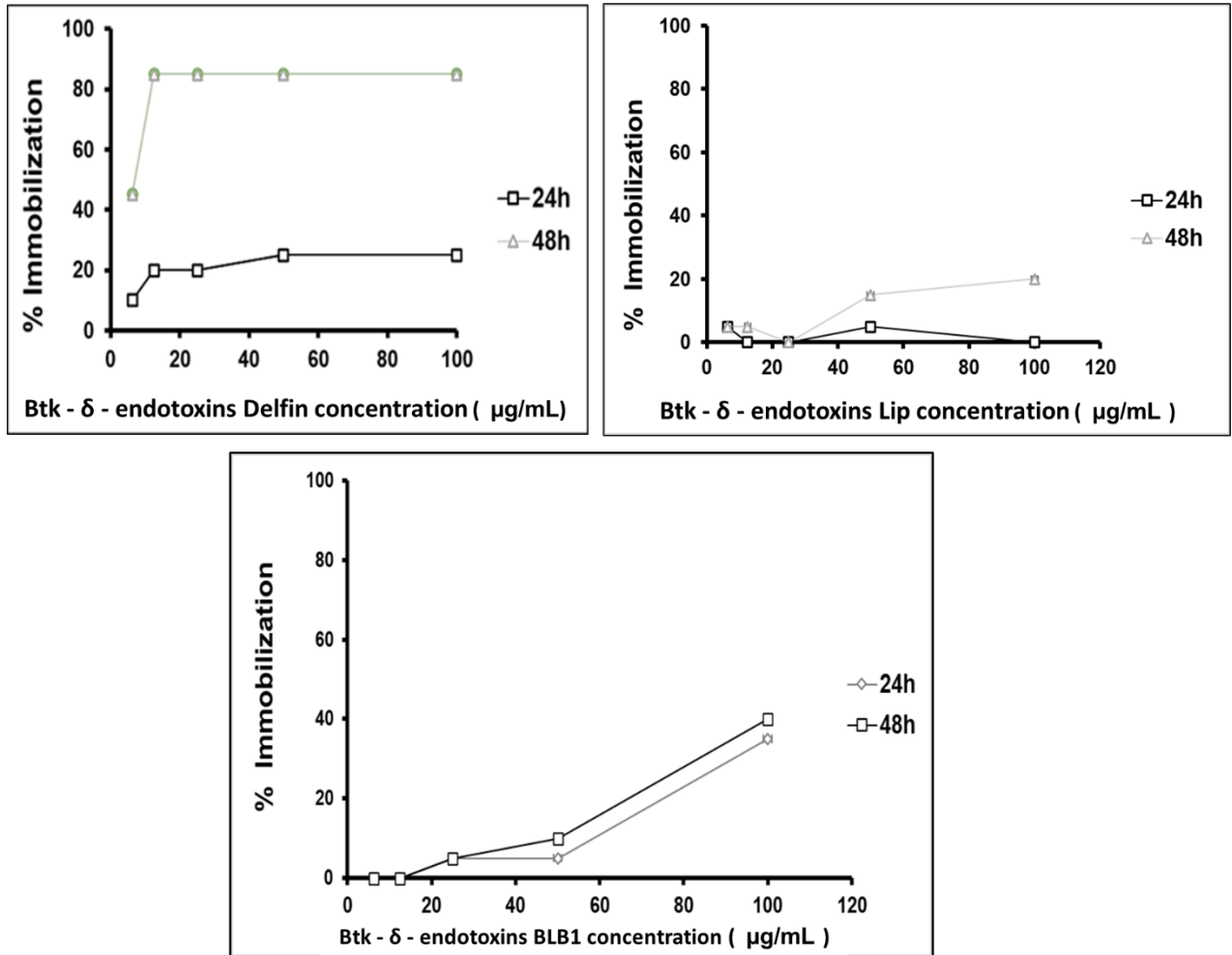
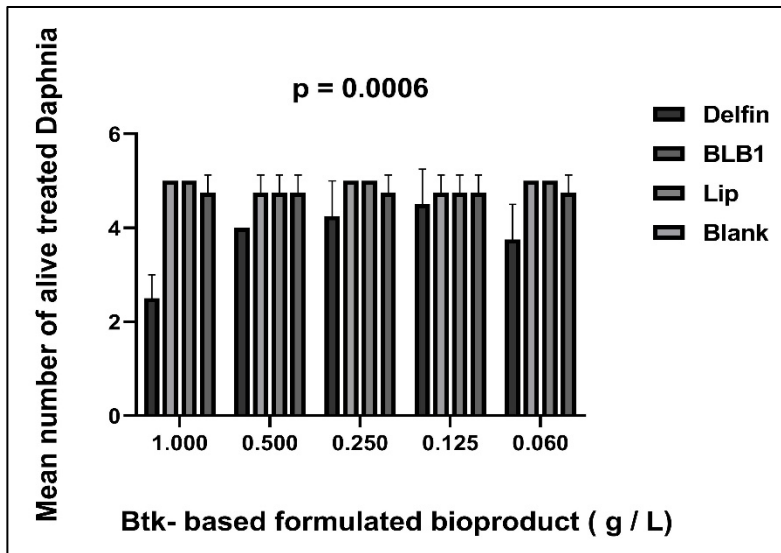


Figure.S2. Immobilization rate of *D. magna* exposed to the various Btk-biopesticides, tested at different δ - endotoxins concentration.



C1	1 g/L
C2	0.5 g/L
C3	0.25 g/L
C4	0.125 g/L
C5	0.06 g/L

Figure S.3. Viability of the treated *D. magna* after exposition to various Btk-biopesticides formulated whole products, tested at different concentrations (Endpoint assessment at 48 h of alive treated *Daphnia*). Data expressed relative to mean value. Bars represent the mean \pm SE. The significance has been assessed using one-way ANOVA with Dunnett test.