

**S7 Table. Analysed concentrations of compounds in larvae and residual material (consisting of larval excreta + residual feed) and spiked concentrations in substrate in Exp. 2 (mg/kg). Mean and standard deviation (n = 3).**

<b>Substance name(s)</b>	<b>Spiked concentration in feed (mg/kg)</b>	<b>Analysed concentration larvae (mg/kg)</b>	<b>Analysed concentration residual material (mg/kg)</b>
Chlorpyrifos	0.5	0.012 ± 0.005	0.153 ± 0.068
Propoxur	0.5	POS (<0.001)	0.036 ± 0.006
Imidacloprid	1.0	0.007 ± 0.001	0.446 ± 0.081
Spinosad	0.2	0.005 ± 0.002	0.099 ± 0.027
Tebufenozide	0.5	0.005 ± 0.001	0.066 ± 0.010
Cypermethrin	0.1	0.079 ± 0.025	- [1]
Piperonyl butoxide	2.0	0.019 ± 0.007	0.375 ± 0.050
Cypermethrin + Piperonyl butoxide	0.1 2.0	0.052 ± 0.019 0.021 ± 0.001	0.095 ± 0.020 0.428 ± 0.049

[1]: Due to a dilution error in sample preparation, the cypermethrin concentration in the excreta in Exp. 2 could not be quantified.

POS: positive value for the concentration but could not be quantified (LOQ value indicated in brackets).