

Manuscript “**Electrochemical determination of thiabendazole pesticide extracted and preconcentrated from tomato samples by cloud point extraction**”, by Antonia C. Neta, Gabriela C. Ribeiro, Kamila P. De Amorim, and Leonardo S. Andrade.

Supplementary Material

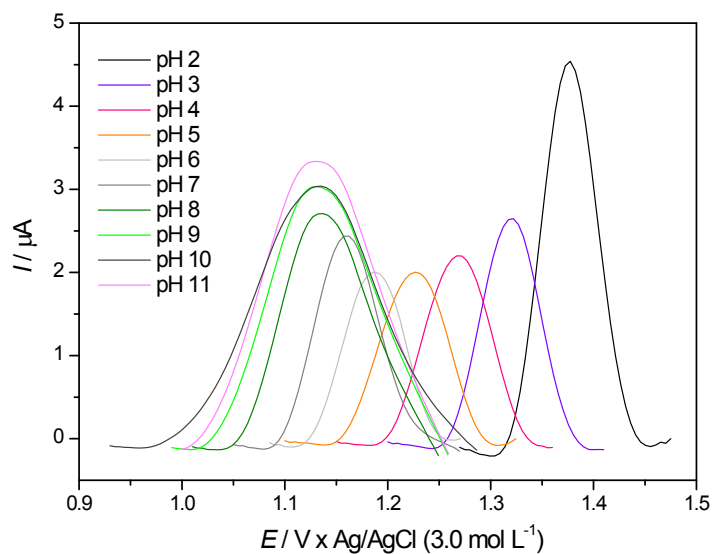


Fig. S1. DPV voltammograms obtained in the electrochemical detection of TBZ fungicide ($1,0 \times 10^{-5} \text{ mol L}^{-1}$) at different pH. DPV conditions: $a = 50 \text{ mV}$, step potential = 5 mV and $v = 100 \text{ mV s}^{-1}$.

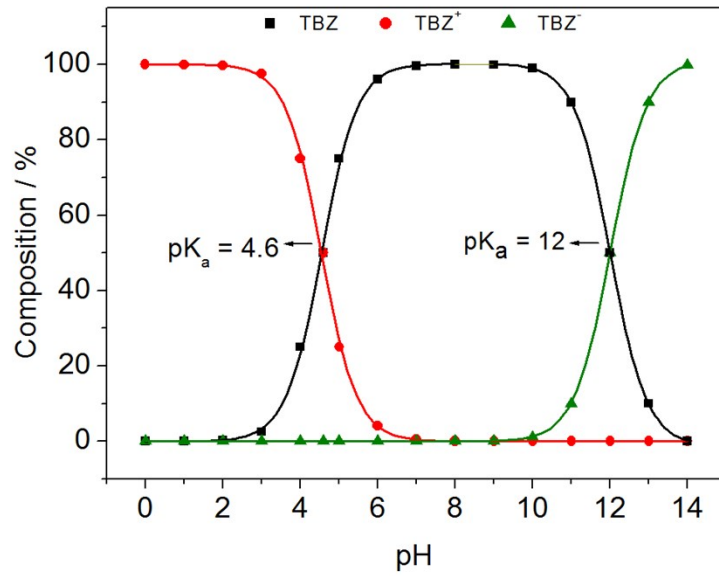
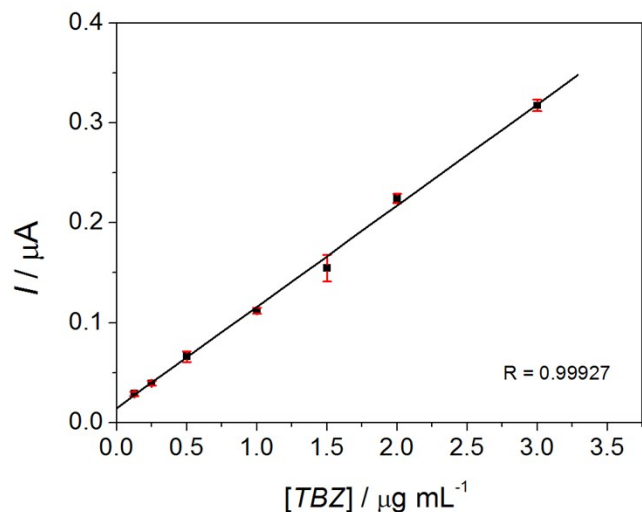
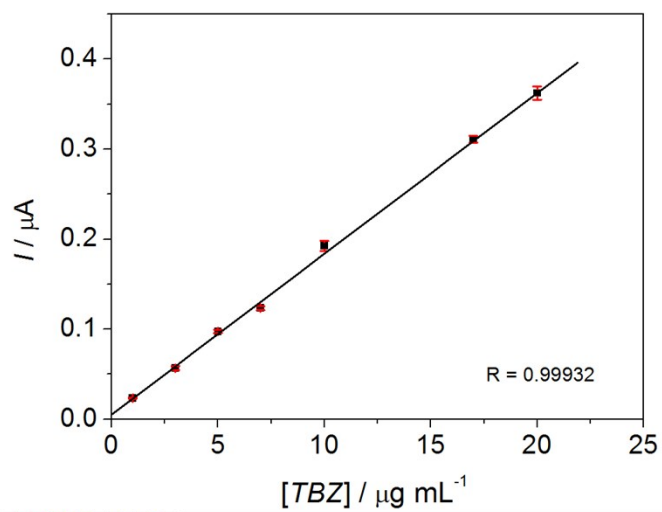


Fig.S2. Speciation diagram for TBZ. (●) TBZ⁺, (■) TBZ and (▲) TBZ⁻.



(a)



(b)

Fig. S3. Analytical curve obtained with (a) and without CPE (b) under optimized conditions: 19% (V/V) Tergitol, 0.83 g of NaCl, 36 °C and stirring time of 15 min. Supporting electrolyte (or mobile phase): Phosphate buffer (0.01 mol L⁻¹, pH 7.0):ACN in the ratio 57:43 (V/V). $E = 1.35 \text{ V x Ag/AgCl (3.0 mol L}^{-1}\text{)}$.