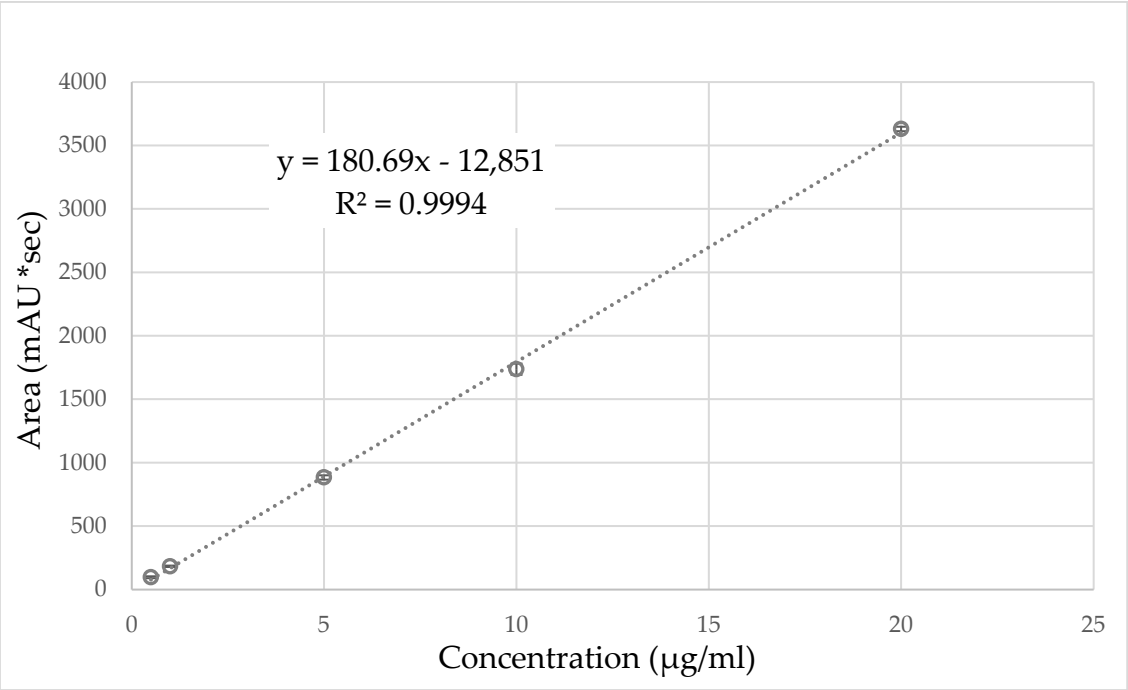
Supplementary material

(a)



(b)

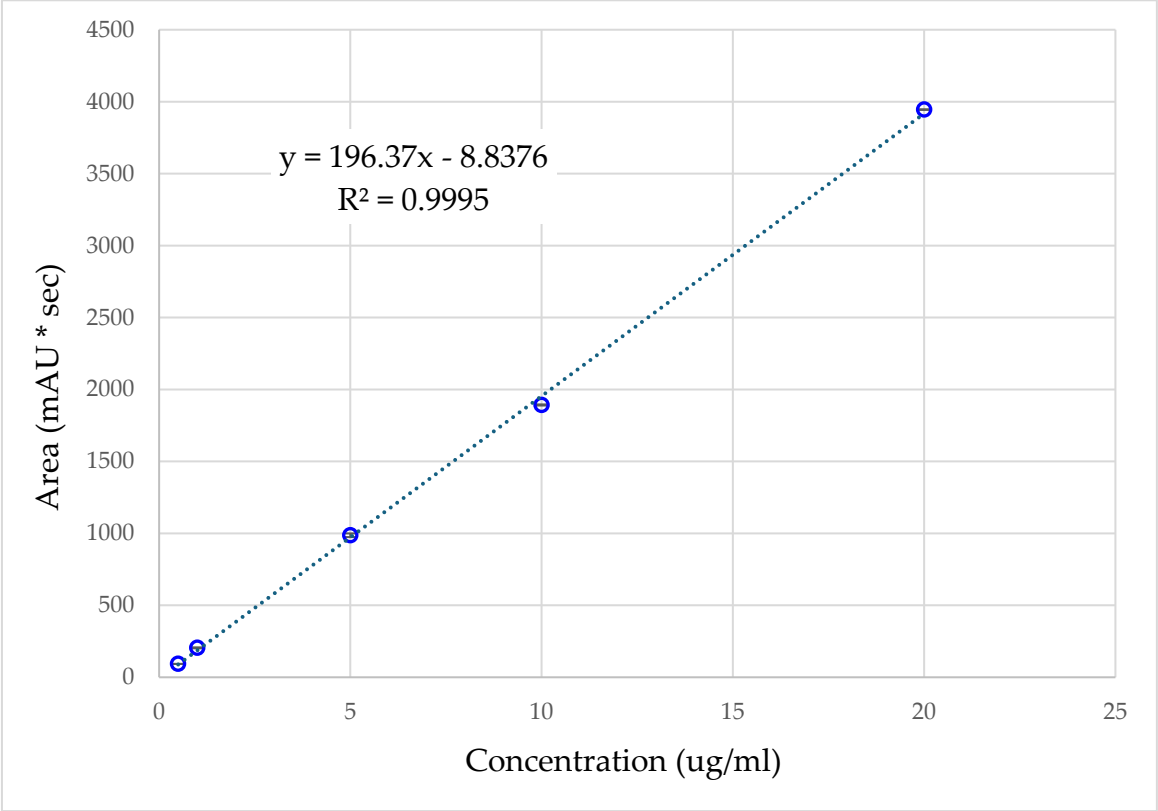


Figure S1. Calibration curves and corresponding equations of *p*-CA in: (a) an aqueous methanol solution (50:50, *v*/*v*) and (b) in RHE. Please note that the standard deviations are expressed as vertical error bars in black on each point.

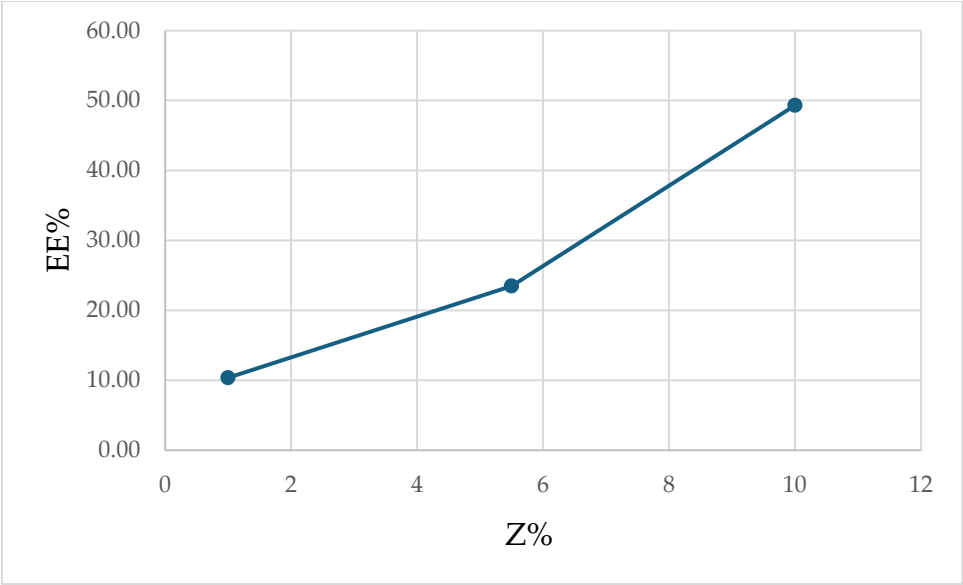


Figure S2. The average response plot of Z%.

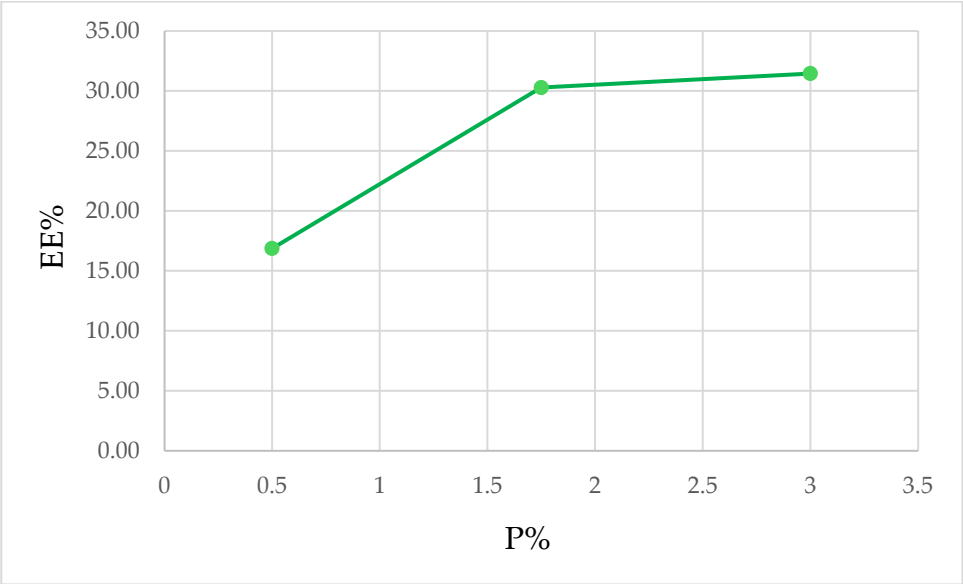


Figure S3. The average response plot of P%.

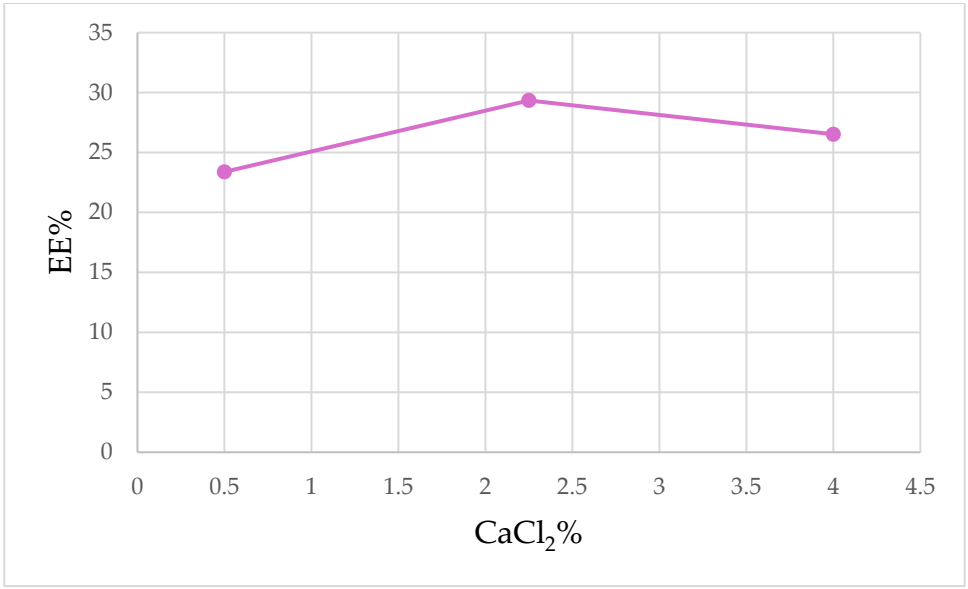


Figure S4. The average response plot of $CaCl_2$%.