

Supporting Information for

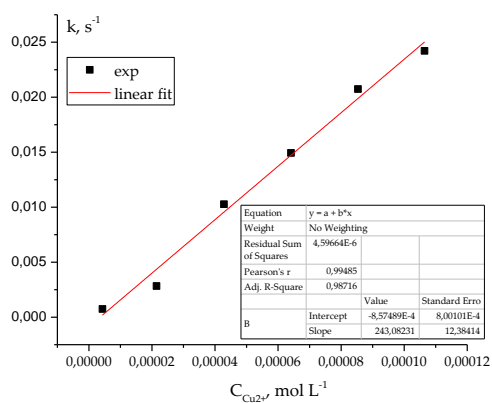
Copper(II)-Catalyzed Oxidation of Ascorbic Acid: Ionic Strength Effect and Analytical Use in Aqueous Solution

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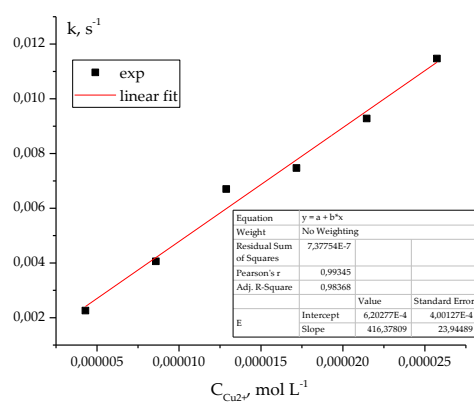
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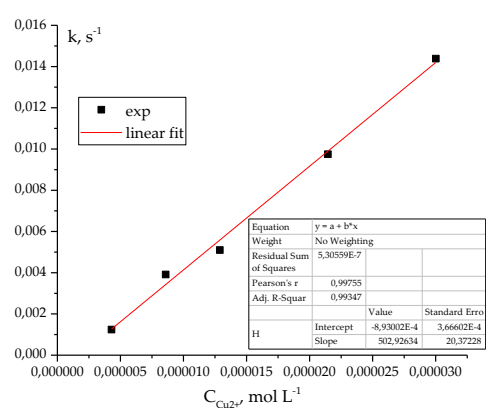
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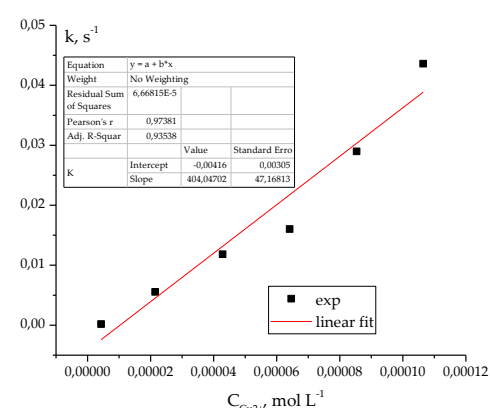
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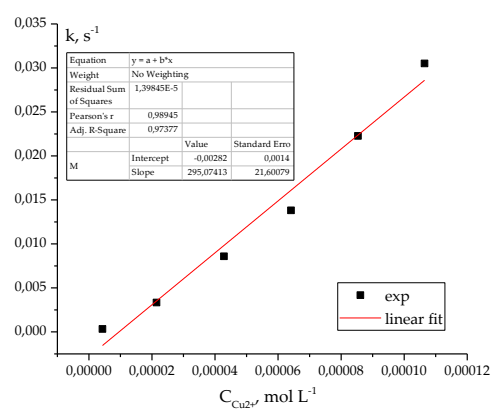
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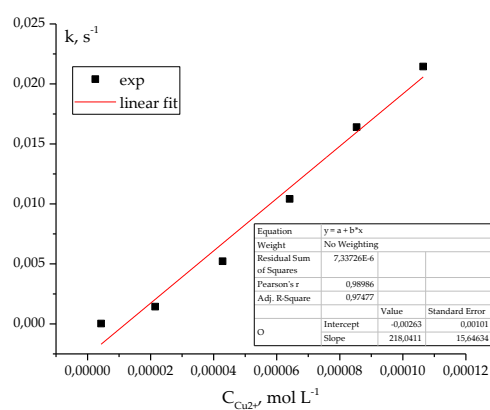
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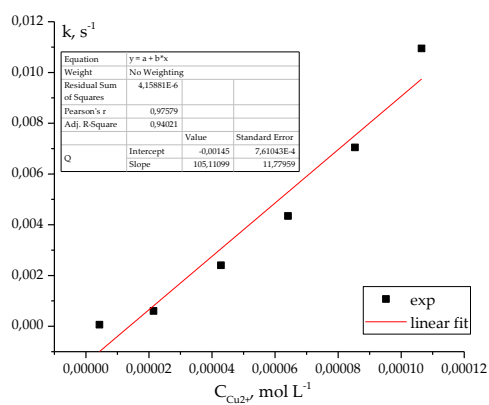
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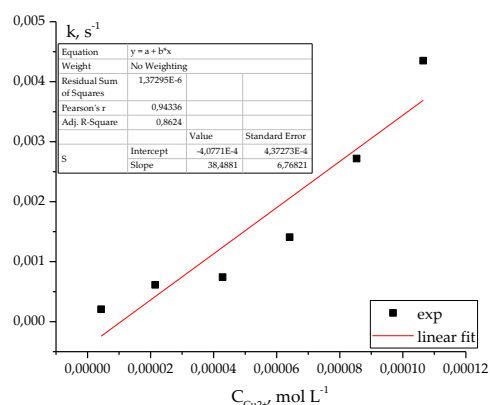
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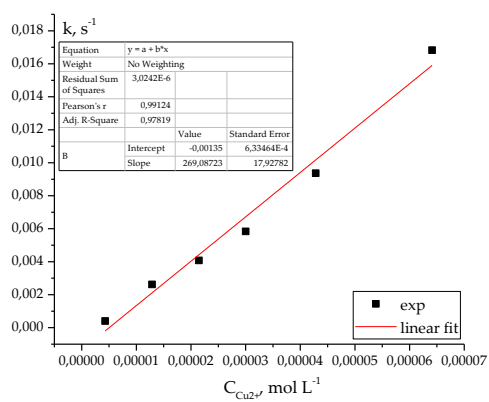
(f)



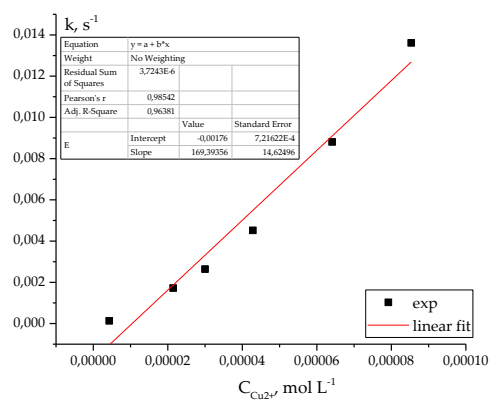
(g)



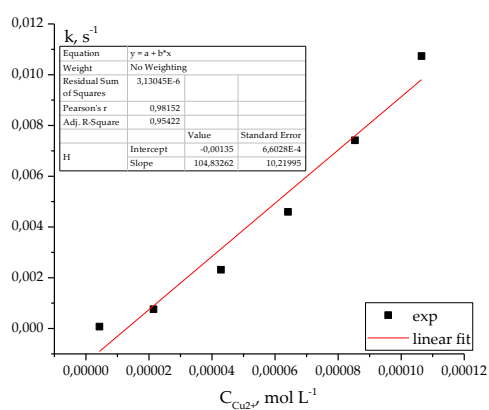
(h)



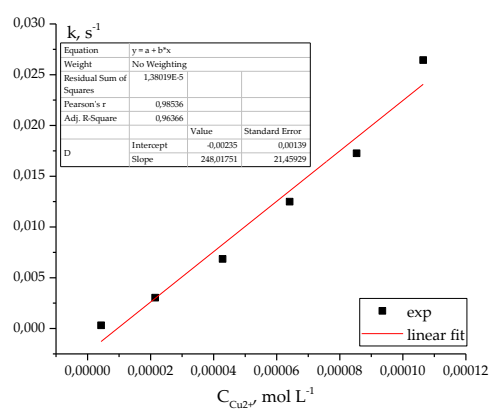
(i)



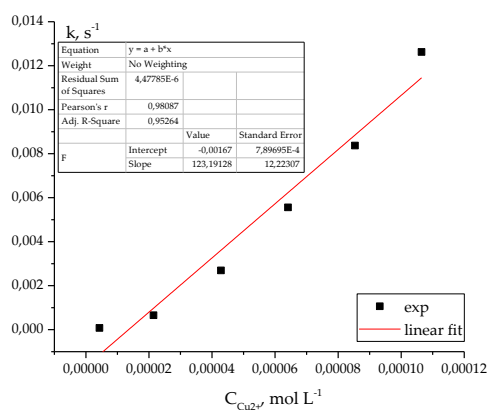
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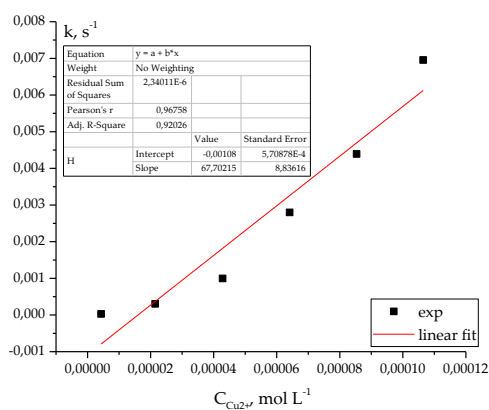
(k)



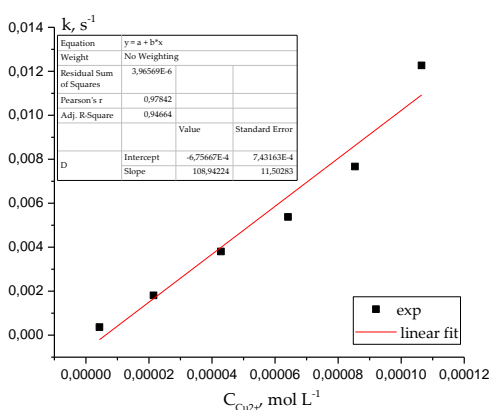
(l)



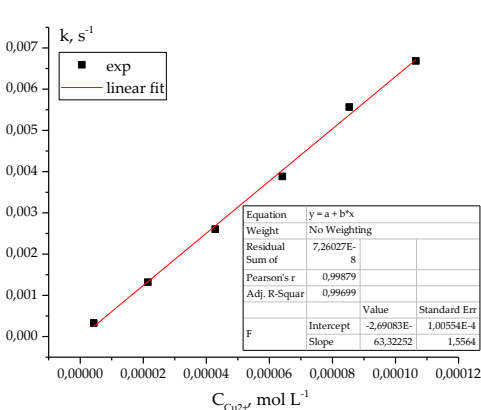
(m)



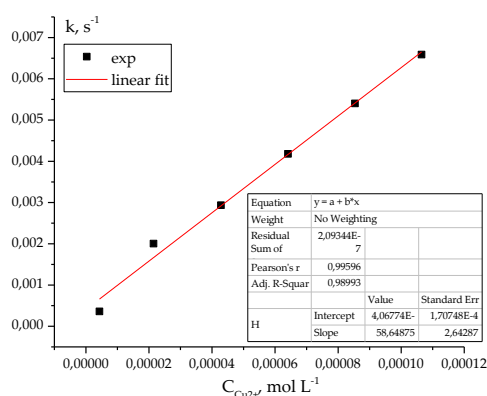
(n)



(o)



(p)



(q)

Figure S1. Linear fitting of the dependencies of an apparent rate constant of ascorbic acid autooxidation induced by Cu^{2+} ions in aqueous medium at ionic strength set by: (a) none, 0 mol L^{-1} ; (b) NaCl, 0.01 mol L^{-1} ; (c) NaCl, 0.025 mol L^{-1} ; (d) NaCl, 0.05 mol L^{-1} ; (e) NaCl, 0.075 mol L^{-1} ; (f) NaCl, 0.10 mol L^{-1} ; (g) NaCl, 0.17 mol L^{-1} ; (h) NaCl, 0.25 mol L^{-1} ; (i) KCl, 0.05 mol L^{-1} ; (j) KCl, 0.10 mol L^{-1} ; (k) KCl, 0.15 mol L^{-1} ; (l) NaClO_4 , 0.05 mol L^{-1} ; (m) NaClO_4 , 0.10 mol L^{-1} ; (n) NaClO_4 , 0.15 mol L^{-1} ; (o) KNO_3 , 0.05 mol L^{-1} ; (p) KNO_3 , 0.10 mol L^{-1} ; (q) KNO_3 , 0.15 mol L^{-1}