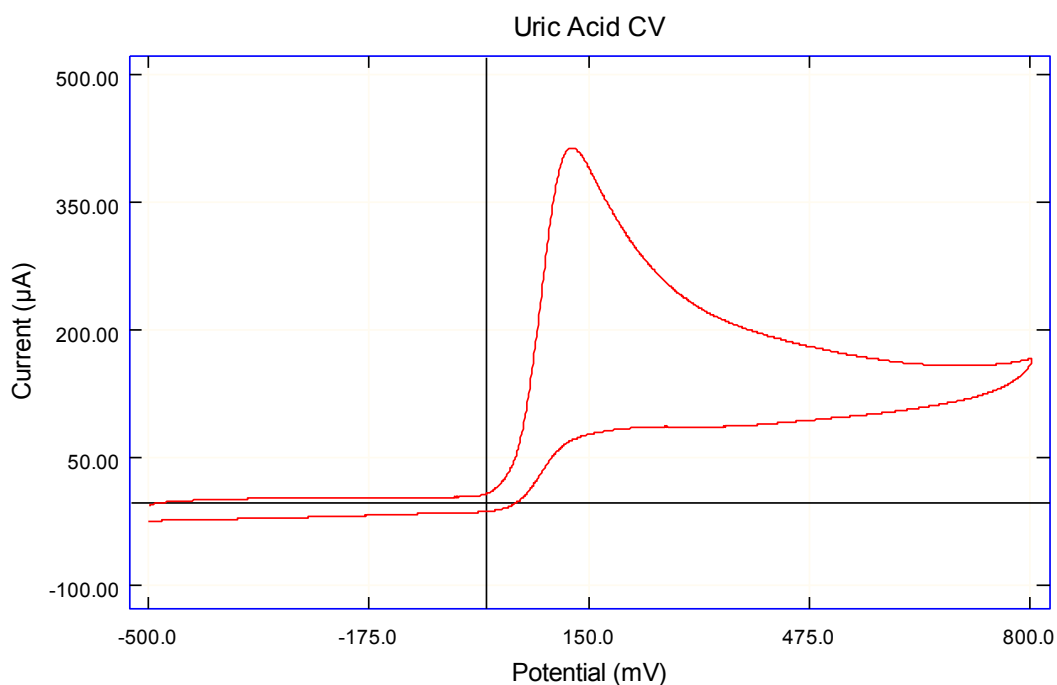


Uric Acid

The oxidation of uric acid is a classic example of a chemically irreversible process. Trace amounts of uric acid can be conveniently detected electrochemically with great specificity in microliter clinical samples of urine and blood. Uric acid contamination in foods is an excellent indicator of insect infestation.



Experimental Parameters

Sample:	Uric Acid, 10.0 mM
Electrolyte:	1.0 M sodium hydroxide in deionized water
Scan Rate:	300 mV/s
Working Electrode:	Glassy Carbon, 3.0 mm diameter (MF-2012)
Reference Electrode:	Platinum wire (MW-1032)
Counter Electrode:	Platinum coil (MW-1033)
Electrochemical Analyzer:	Epsilon EClipse (EF-1031)
Cell Stand:	C-3 Cell Stand (EF-1085)