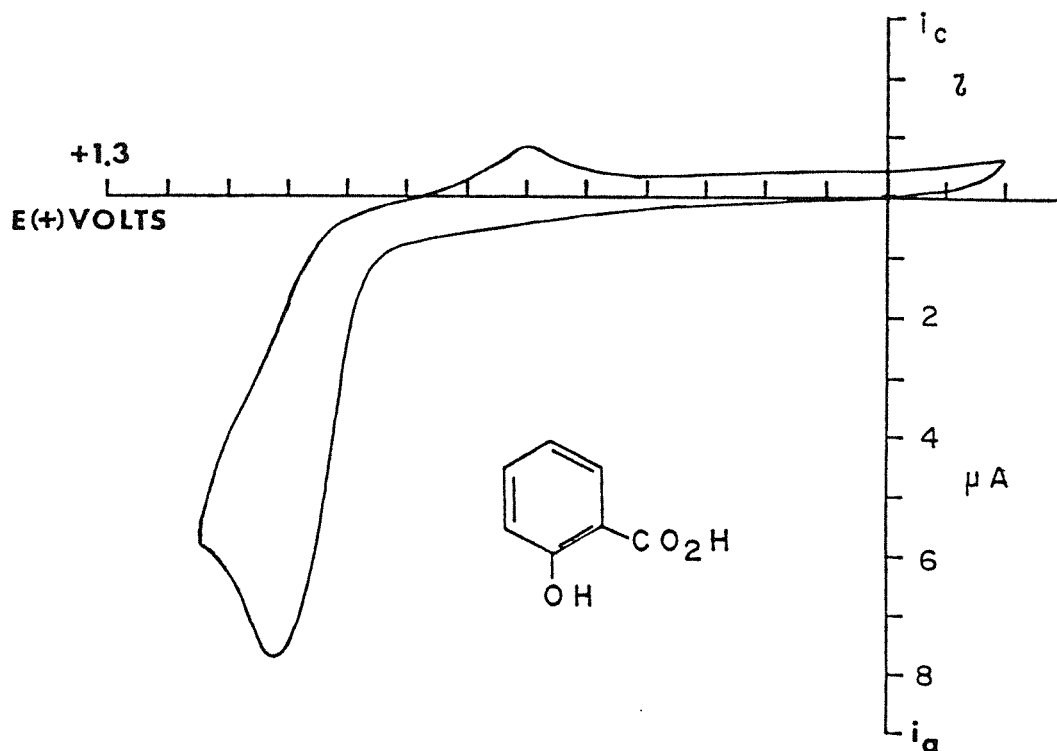


CV NOTES

SALICYLIC ACID



SAMPLE: Salicylic Acid

MEDIUM: 20% methanol in pH 4.0
citrate (0.1 M)

CONC: 1 mM

RATE: 200 mV/s

ETRODE: GC

REF: RE-1, Ag/AgCl

MODEL: CV-1A

Salicylic acid is the initial metabolite and hydrolytic product of aspirin (acetylsalicylic acid). It has therapeutic value as an analgesic, antipyretic, and antiarthritic agent. As is commonly observed for phenolic compounds, oxidation involves one electron and requires a potential near 1.0 volt. The radical produced is rather unstable and exhibits poor reversibility



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