Exp. No.	Experiment/Subject	CHEM 438 (ECD)	Date 10/18/204	
Name Abdul	Fayed	Lab Partner	Locker/ Desk No.	Course & OUL Section No.

Prelab Questions Equare-wave stripping voltomostry is more sensitive than regular ednaw-mone exberginant pecampe it employs the bus can confront an Step which accumulates the desired analyte on the surface of the electode through electodeposition. Stirring increase the sensitivity as it allows the desired analyte in the solution to Constantly moving and eventually reach the surface of the anode. However, too much stirring will also cause the lack of deposition of analyte on the surface as it is constantly moving around instead period reduced 6nto the surface. Thus, the stirring has to be controlled carefully. Carate buffer is used to control the profithe southon @ ptt = 3. ptt plays an important role when working with electraternical system as it determines the tange of appropriate voltage to be applied on the system to achieve the intended goal of the experiment Celectrodeposition of Cu2T on the surface before anodic shipping). It is possible that the citrale buffer has a small trace of Cy. The presence of Cyin buffer will interfere without the original sample (tap noter) and gives out fatte way concentration of Cu in the so water. To correct this standard addition method can be used to determine the concentration as it took into account the "marrix" effect of the Eydon. 0.046SLx 6.1met x 2mol Pb = Lk citricacid 10 motof solution 3. Sigma aldnich: = 9.3 x10 moj Pb Citric acid: [Pb]=2ppm 0.0032 C X 0.1 mol x -5 mol Pb = 1.75 x mol Pb ammonium citrate: [Pb] = SFPM. Tomal soln

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[ Ro] = 0.646 DDM.

Exp. No. 6 Experiment/Subject CHEM (138 (ECD))  Name Abdul Fayeed. Lab Partner Dock No. Section No. 6221 L  Chiective Rupole of experiment is to determine the copper concentration in distincing water by anotic etyping without an in least that can be lethal to himon health if not controlled properly. Anotic chapting to definite the concentration of cuin disting water for the technique to definite describe in the section of cuin disting water for the technique to definite describe in the section of cuin disting water for the section of cuin disting water for the section of cuin be described to this experimentation of cuin disting water on the indeed of this experimentation of cuin the complex instrumentation of the section water on a node which will then be oxidized and the cumountation of cuin the concentration concentration concentration concentration concentration concentration concentrat
Rupole of experiment is to determine the copper concentration in dividing water by anotic atoping withoursay. Plats  Tentratuction There is a trace of Cu in almitting water that can be lethal to human health if not controlled who concentration of cuin divinking water 1974 or Xvay Thus experiment by they walve complex instrumentation. The idea of this experimentum to deposit the cu in the another water onto an another which will then be oxidized and the amount of Cu that leaves the surface offatt the concentration of Cuin the solution, which will then be oxidized and the amount of cu that leaves the surface offatt the concentration of Cuin the solution, which will be detected by the amount of current produced its stopping vo hammary procedure. Procedum (Brief general overview only).
Determine Little concentration of Cu by Standar Laddithion method (n=3).

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(ECD)	Date 10/18/2021	
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× of calibra-		
Number	mass(g)	Mass of Hoolg
0 / 2		
3 4		
6		
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9		
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