3 7	Soluti	on Prep	+ Visual	S PEETVOSCO PY
	Solution prep + visual spectroscopy  Pan A: Bur-largadt law for guesos Co 3/8/18			
		3200		7 mg = 808.5 MM
	So1 # (	2 rolarity	Absolbure	7 - 4
	1	0.000 M	.002	
	2	0.010 M	,247	
	3	0.040 M	,517	
	9 10	0.000 M	, 754	
		0,080 M	1.023	
	6 6	), 100 M	1.281	
	Graph	of ALSotherie	us tokelity	
-9	A = & 1 [c3+] + 8			
9	4= M x + 5			
-9	$M_1 V_1 = M_2 V_2$			
-9	18 U = (08 (10) - 8 ml			
9		· I		
	+			
-3				
	3 -			= 12.8x00 27
	3		-	= 12.8[cv2+] - 2027
	0		· E	- 15.8
	4			
		7		
	+/6			,
		1 1		
		1201	enstation	
3	Jes.	2e 2m		
L)	, /			

-3				
-				
3 0				
	Part B: Renetion of corpes next w/ 44 HND3			
3	production of the control of the con			
	time (min) Alsabore			
	0 0.006			
-	2 0.292			
	3 0.516			
-	L.			
	5 1.756			
-9-	10 2.130			
	4 130			
	1			
	ose praias quation A = Elicott + 5			
	POINS, A = 12.8[Cv2+]-10027			
	1.0			
-9	Absolvance Of HNO3 @ 2= 209 = 1006			
=5	2 Minute & vine.			
-3				
3				
9				
9	0 0 0 0			
	Malass. A constint			
3	Molarity Calculations			
	A + 10027 - [CO2+]			
	12.8			
	Jesse &			
8				

Based On The Linear Repression of the Molarity of Copper as co function of time The Rafe OF RXN is .0188 Min for The RXX OF HNOZ and COPPER netal. Throyu Part A of The lass we were able to determine The Molar assorbtion Corstort (8) which is 12.8. As such, USIN TE linear felationship 5 A = 12.8 [CU2] - 10027, We were able to détermine The Corcertration 1 OF The Cult Solution @ each -5 time interval in Part B. Through co linear Repression OF Molavity US times
we determined 10188 min as The Rose @ which cust Revets w/ HNOz. 1 2