Observations: The Effect of Concentration on Rate for the Iod ne Clock reaction. (5 marks) - log So 745

Calculate Given Calculate Measure Calculate Color C

	Solution A	Given Solution B	X-axis	Measure	Calculate	Calculate Y-axis
	immediately after mixing *	Concentration (initial undiluted concentration is	Log [103]i Abs value	Time (seconds for the teaction to happen)	Rate [IO3]i / Time	Log (Rate)
	[103]		, vaine			
		0.020		23		
		0.020				
				20.7		
}		0.020		9.7		
		0.020		6.62		
		0.020		4.8		
		0.020		3.79		
		0.020		3.16.		
		0.020		2.9		
		0.020		7.7		
0	0.10 ma/2	0.020	7 1 2	26		

*be careful in this column! The concentration of Solution A is determined by considering both the dilution with water drops and the mixing with solution B

sig. Fig

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V,-10, 9,8 etc 1 Vz-20,20,20 etc 1