		Date					
Expt.	ot. No2	Page No					
	(Aim) quelab						
	To study the elifect of rate of filtration.	& viscosity on the					
	fur sanon.						
	Reference:-						
•							
	Requirements:						
(d)	Apparatus: Beaker, filler cylinder	haber, measuring					
	cylinder						
Ь	Glass Chemical: - Glycerine	, CaCO3, distilled water.					
	Theory !-						
	Perinciple: - Filtration is a process where solid						
	particle suspension are separated from liquid						
	or gas employing porous media which retain a solid particle but allow the bluid to pass						
<u></u>	a solid particle but allow the fluid to has						
	through volume of filterat	ion obtain through					
	the filter paper per	unit time is called					
	rate of filtration.						
	eg: > dv = KA.AP/ML/	- darey's law,					
	1 del						
		Teacher's Signature					

Observation: >

S No.	Sample	Time taken	Volume of filtration	Rate of Fi
1.	51. (a(0)	342 sec	as ml	0.13 ml/
2	54.60003	679 sec	45 ml	0.06 ml/s
	Chycenine			

Calculation!

cond & proster

Rate of bilteration tol. of filterale

11) 51. Colo3 = 45 ml = 0.13 ml/sec

(ii) 5.1. (all) + Odycerine: 1. 45 . 0.06 ml /scc.

		Date
Exp	ot. No2	Page No5
	Cake, M = Viscosity of L = Thickness A = Time of Procedure:	filterated, of cake, filteration.
(1)	Take all glasswo	wes and clean it and dry it.
(ii)	> (a) Take 2.5 gm of 50 ml ob dist	Ca (Oz solution: Ga COZ and dissolve into lilled water then poepare in of Ca COZ.
(iii)	Preparation of mi and calcium cast (a) Take 2.5 gm of 40 ml of distill of glycerine in	returne of glycerine water romaite. Ca(o, and dissolve it into ed water. Now add 10 ml this mixture.
(j v)	filter haber and	solution filter with note the time for culak the rate of compare them.
		reactions signature

								I)ate		
Expt	. No	2								6	- 1
								,			
	Resu	(d):-									
	The	study	06	effect	of	rate	ob	bilt	ration	was	
	suci	centrally	per	gorned	in	the.	labor	atori	1		
									4		
		,				Teacl	ner's Signa	iture	ā	V6 (8)	