

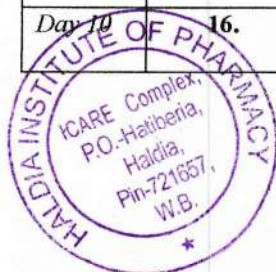
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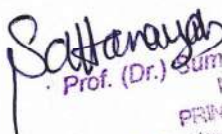
ICARE Complex, Hatiberia, Haldia, Purba Medinipur, W.B. – 721657

Programme:	B. Pharm	Semester:	VII
Subject:	Instrumental Methods of Analysis	Subject Code:	BP705P

List of Experiments

Day	Exp. No.	Name of Experiment	Reference
Day 1	1.	Separation of sugar by TLC	Practical pharmaceutical chemistry by A.H Beckett and J.B Stenlake. P.gno. 115-124 Practical book of instrumental method of analysis by Dr. Abhishek Tiwaripgno. 86
	2.	Separation of amino-acid by paper chromatography	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 106-108 Practical book of instrumental method of analysis by Dr. Abhishek Tiwaripgno. 82
Day 2	3.	Find out the λ_{max} of $KMnO_4$ and prepare the standard curve using colorimeter	Practical book of instrumental method of analysis by Dr. Abhishek Tiwaripgno. 18 Practical book of instrumentalmethod of Prof(Dr.) MohammendImranpgno5-7
	4.	Estimation of dextrose injection IP by colorimetry	Practical book of instrumentalmethod of Prof(Dr.) MohammendImranpgno. 13 Practical book of instrumentalmethod of analysis by Dr. Abhishek Tiwaripgno. 16
Day 3	5.	Assay of paracetamol powder by UV-visible spectrometer	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 275
	6.	Determination of λ_{max} of paracetamol by using UV	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 275
	7.	Find out the concentration of paracetamol solution by using std curve method	Practicalbookofinstrumentamethod of Prof(Dr.) Mohammend Imranpgno49
Day 4	8.	Assay of paracetamol tablet by using UV- visible spectrophotometer	Practical book of instrumentalmethod of Prof(Dr.) MohammendImranpgno.37
	9.	Find out concentration of paracetamol by using single point standardization method	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 115-124
Day 5	10.	Estimation of paracetamol and caffeine by simultaneous method	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 284 Practical book of instrumentalmethod of Prof(Dr.) Mohammend Imranpgno25
Day 6	11.	Estimation of paracetamol and caffeine by absorbance ratio method	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 286
	12.	Find out the isoabsorptive point	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 286
Day 7	13.	Determination of chloride and sulphate by nepheloturbidometry	Practical book of instrumentalmethod of analysis by Dr. Abhishek Tiwaripgno. 71-73
Day 8	14.	Determination of NaCl and KCl by flame photometry	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 338 Practical book of instrumentalmethod of analysis by Dr. Abhishek Tiwaripgno. 70
Day 9	15.	Demonstration and working of HPLC	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 157
Day 10	16.	Demonstration and working of Column chromatography	Practical pharmaceutical chemistry by A.H. Beckett and J.B Stenlake. P.gno. 86




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