

Dept. of Physiology
Jhargram Raj College
Laboratory Requirements

CHEMICALS	Sl. No.	Items	Sl. No.	Items
	1	Red 2,6 dichlorophenol indophenol sodium salt	45	Ammonium persulphate
	2	Albumin, Bovine fraction powder	46	TEMED
	3	DNA powder	47	Acrylamide
	4	RNA powder	48	Bis-amylamide
	5	HCl	49	Sephadex
	6	H ₂ SO ₄	50	Sepharose
	7	HNO ₃	51	Agarose
	8	Potassium thiocyanate	52	Beef extract: microbial gr.
	9	Potassium ferrocyanide	53	Peptone: microbial gr.
	10	KI	54	Agar Agar: microbial gr.
	11	Iodine	55	Filter paper: Whatman
	12	Acetic anhydride	56	Proteosepeptone
	13	Resorcinol	57	Phenol red
	14	Thymol	58	β- dimethyl aminocinamaldehyde
	15	Formaldehyde	59	Tetramethyl β-phenylenediamine
	16	Methanol	60	NH ₄ -dihydrogen phosphate
	17	Na- arsenate	61	Bromothymol blue
	18	Mercuric oxide	62	Amyl alcohol
	19	NH ₄ -molybdate	63	Tryptophan bath
	20	ZnSO ₄	64	Nitrate bath
	21	Di-sodium hydrogen arsenate	65	α- Naphthylamine
	22	Na-tungstate	66	K-phosphate
	23	Tartaric acid	67	Dipeptone
	24	Molybdic acid	68	Methyl red
	25	Cholesterol	69	India ink
	26	Thiosemicarbazide	70	Nigrasin
	27	3,5 Di-nitro salicylic acid	71	Bromophenol blue
	28	Ninhydrin	72	Sephacryl-200
	29	Amylase enzyme	73	Xylol
	30	Na-nitite	74	Mercury
	31	2,4-Dichloro aniline	75	Perchloric acid
	32	Sulfanilic acid	76	(NH ₄) ₂ SO ₄
	33	Bilirubin	77	pH indicator paper booklet (range: 6.4-8.4; graduation: 0.2-0.3) Merck
	34	Benzoic acid	78	Paraffin (48°-50°)
	35	Di-sodium phosphate	79	Amylase (diastase)
	36	Potassium iodate	80	Catalase
	37	NH ₄ HCO ₃	81	H ₂ O ₂
	38	Tris	82	Isoamyl alcohol
	39	EDTA	83	RNase A
	40	Phenol	84	Orcin, Merck
	41	Chloroform	85	Acid Fuchsin, Merck
	42	Proteinase K	86	Light Green SF yellowish, Merck
	43	TE buffer	87	Orange G, Merck
	44	Isopropanol		

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GLASSWARES	Sl. No.	Items	Make
	1	Test tubes	Borosil/ Borosil R/ Borosil Glass
	2	Glass slides	
	3	Cover slip (round & square)	
	4	TLC Plates	E- Marck
	5	Conical flask (50, 100 & 250 ml)	Borosil/ Borosil R/ Borosil Glass
	6	Beaker (50, 100, 250 & 1000 ml)	Borosil/ Borosil R/ Borosil Glass
	7	Micropipette (0.5, 1, 2 & 5 ml)	
	8	Microburette	
	9	Reagent bottle (50, 100 & 250 ml)	Borosil/ Borosil R/ Borosil Glass
	10	Pasteur pipette	
	11	Spirit lamp	
	12	Folin-Wu tube	
	13	Laboratory media bottle	Borosil/ Borosil R/ Borosil Glass/ Tarson/Falcon
	14	Petri dish (glass & plastic, tissue and microbial culture grade)	Borosil/ Borosil R/ Borosil Glass/ Tarson/Falcon
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