

Integrative Health and Translational Research List of Instruments in CRL of CARC

S. No.	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	MUFFLE FURNACE	1
2	Hot air oven	1
3	Centrifuge	1
4	Vacuum desiccator	1
5	Tablet disintegration time test apparatus	1
6	Rectangular water bath	1
7	Refractometer Abbe's	1
8	Compound microscope	1
9	pH meter	1
10	U.V. Fluorescence analysis cabinet	1
11	Distilled water plant	1
12	Moisture balance	1
13	Soxhlet extraction apparatus	1
14	Single pan balance	1
15	Camera Lucida	1
16	Eye piece micrometers	1
17	Stage micrometer	1
18	trinocular Microscope	1
19	Tablet Hardness tester	1
20	Viscometer A,B,C,D,E and F	1
21	Thermometer	1
22	Distillation apparatus	1
23	Tablet friability test apparatus	1
24	Glass desiccators	1
25	Vernier caliper	1
26	Electric stirrer with hot plate	1



Integrative Health and Translational Research

List of Charts in CRL of CARC

S. No.	Reagents/Liquids/Others	Availability
1	Survey studies	Available
2	Design wise Guidelines for Publication	Available
3	Testable Hypothesis	Available
4	How to choose a measure of central tendency	Available
5	Idea can be developed into research with this process	Available
6	Measures of Dispersion	Available
7	Types of Hypotheses	Available
8	The Research Life cycle	Available
9	Hierarchy of Scientific evidences & not scientific	Available
10	Types of study designs	Available
11	Steps and purpose of literature review	Available
12	Tests used for quantitative and qualitative variables	Available
13	Tests used for two categorial endpoints	Available



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Quality Testing Laboratory

S.No	Essential Equipment and Instruments	Count/Availability of Instruments/Equipments
1	Rota Evaporator	Available
2	Stability Chamber	Available
3	Muffle furnace	Available
4	Tablet Disintegration Apparatus	Available
5	Optic Abbe Refractometer	Available
6	Friability Test Apparatus	Available
7	Digital Melting Point Apparatus	Available
8	Rotary Microtome and Microtome Object Holder	Available
9	Digital pH Meter	Available
10	Mechanical Stirrer with Hot Plate	Available
11	Magnetic Stirrer	Available
12	Dissolution Test Apparatus	Available
13	Hardness tester	Available
14	Mohs hardness scale	Available
15	Tablet counter–small size	Available
16	Bulk Density Apparatus	Available
17	Ostwald's Viscometer	Available
18	Analytical Balance Digital High precision (0.0001g – 220g)	Available
19	Sieve Shaker	Available
20	Granulating sieve set	Available
21	Thermometers	Available
22	Centrifuge	Available
23	Filtration equipment	Available
24	Water bath 12 holes	Available
25	Sonicator	Available
26	Heating Mantle different capacity	Available
27	Distillation Apparatus Glass (Ark Yantra)	Available
28	Soxhlet apparatus	Available
29	Clevenger's apparatus	Available
30	Glass ware, reagents and chemicals as required	Available
31	Computer, internet, printer	Available
32	Smart board or Liquid Crystal Display projector	Available
33	Ultra-violet visible spectro photometer	Available
34	Flame photometer	Available
35	Distillation unit for distilled water	Available

36	Orbital shaker	Available
37	Laminar airflow	Available
38	Refractometer	Available
39	Incubator	Available
40	Clarity test apparatus	Available
41	Karl Fischer apparatus	Available
42	Suction pump	Available
43	Total Leucocyte Count chamber and sprayer	Available
44	Arsenic limit test apparatus	Available
45	Adjustable volume micro pipette	Available
46	Reflux flask with condenser single neck	Available
Glassware and consumable		
1	Petri dish glass	Available
2	Petri dish polypropylene	Available
3	Watch glass	Available
4	Glass ware	Available
5	Glass beaker- different capacity	Available
6	Measuring flask different capacity	Available
7	Volumetric flask different capacity	Available
8	Graduated measuring cylinder	Available
9	Buchner funnels small, medium, large	Available
10	Burette	Available
11	Nessler's cylinders	Available

