



Shri Baliraja Shikshan Sanstha, Someshwar's

RAMRAO PATIL AYURVED

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1) Recognized by NCISM, New Delhi 2) Affiliated to Maharashtra University of Health Sciences, Nashik

SCHEDULE XI

Minimum Essential Requirements for Quality Testing Laboratory

Serial number	Standard or item required	Minimum Equipment	Available Quantity	Deficiency
1.	Computer, internet, printer	1	1	
2.	Smart board or Liquid Crystal Display projector	1	1	
3.	Ultra-violet visible spectro photometer	1	1	
4.	Flame photometer	1	1	
5.	Digital pH (per Hydrogen ion Concentration) meter	1	1	
6.	Precision melting point apparatus	1	1	
7.	Distillation unit for distilled water	1	1	
8.	Moisture analyser balance	1	1	
9.	Orbital shaker	1	1	
10.	Laminar airflow	1	1	
11.	Mechanical stirrer with hot plate	1	1	
12.	Magnetic stirrer	1	1	
13.	Dissolution test apparatus	1	1	
14.	Tablet disintegration test apparatus	1	1	
15.	Monsanto's hardness tester	1	1	
16.	Pfizer type hardness tester	1	1	
17.	Tablet counter – small size	1	1	
18.	Bulk density apparatus	1	1	
19.	Friability test apparatus	1	1	
20.	Ostwald's viscometer	1	1	
21.	Refractometer	1	1	
22.	Analytical balance digital high precision (0.0001g – 220g)	1	1	
23.	Incubator	1	1	
24.	Clarity test apparatus	1	1	
25.	Humidity control oven	1	1	
26.	Karl Fischer apparatus	1	1	
27.	Sieve shaker	1	1	
28.	Graduating sieve set	1	1	
29.	Thermometer up to 110 ⁰ C	2	2	
30.	Centrifuge	1	1	
31.	Filtration equipment	2	2	
32.	Water bath twelve holes	1	1	

33.	Suction pump	1	1	
34.	Sonicator	1	1	
35.	Heating mantle different capacity	2	2	
36.	Total Leucocyte Count chamber and sprayer	2	2	
37.	Clevenger's apparatus	1	1	
38.	Arsenic limit test apparatus	1	1	
39.	Adjustable volume micro pipette	2	2	
40.	Rotary evaporator apparatus	1	1	
41.	Soxhlet apparatus	2	2	
42.	Reflux flask with condenser single neck	1	1	
Glassware and consumable				
43.	Petri dish glass	As required	---	
44.	Petri dish polypropylene	As required	---	
45.	Watch glass	As required	---	
46.	Glass ware	As required	---	
47.	Glass beaker- different capacity	As required	---	
48.	Measuring flask different capacity	As required	---	
49.	Volumetric flask different capacity	As required	---	
50.	Graduated measuring cylinder	As required	---	
51.	Buchner funnels small, medium, large	As required	---	
52.	Burette	As required	---	
53.	Nessler's cylinders	As required	---	

Sd/-
Principal
RPAM & R Purna