

Monthly Report

December 2007

1- Needs have been identified from the laboratory equipment and tools, raw materials

First: the required equipment in the lab

Number	Brand name and specifications
2	Automatic pipette - (5-50) one piece - (100-1000) one pieces
3	UV Lamp (120 Cm)
1	Filtration syringe - Syringe to handle volumes ranging from 0.5 to 20ml. - 50 mm diameter syringe filters. - Pore size and membrane type 0.45µm
1	Binocular microscope Head: Binocular, 360° rotatable, inclined at 30°. Eyepiece: 10X/20mm. Objectives: 4X, 10X, 40X +100X achromatic Nosepiece: Quadruple revolving nosepiece. Stages: 360° rotatable stage- Condenser: bright field Abbe condenser-NA 1.5. Illumination: Halogen 6v/0w (variable) Main power: 0/40v 50/60 Hz.
1	Phase contrast microscope with digital camera <ul style="list-style-type: none"> • Head Binocular configuration • Eyepiece : 10X/0MM WIDE FIELD • Nosepiece : Quintuple reversed and revolving with click stop and smooth operation. • Objectives: 10X (0.5 NA), 0X (0.4 NA), 40X (0.65 NA), 100X oil immersion objective. • Stage: Dimensions 10 *140 mm • Illumination: KOHLER type illumination system. condenser: Phase contrast turret type-NA1.5 <ul style="list-style-type: none"> • Iris diaphragm. • 4 phase annular stops , centrable and 1 neutral bright field position Supplied with

	Additional centring telescope + green filter, dust caps, dustcover, immersion oil, fuse and spare halogen lamps 220 V , 50Hz. Power: 0-40V, 50/60HZ
1	Stereomicroscope with camera -A trinocular 20X-40X stereo microscope. - USB digital camera (Digimax A40). -30mm super widefield high-eyepoint eyepieces -A heavy-duty boom stand and a color digital camera. - 45° inclined trinocular and high-eyepoint optic design to ensure an easy observation, especially for eyeglass wearers..
1	Incubator Capacity: 40 L Temperature: Ambient +5 To 80 C Made From Stainless Steel Supplied By Two Shelves
1	Oven Capacity: 40 L Temp range : up to350° C Capacity : 40 Lt Made from S.S internal and Coated external
1	Refrigerator - 350 ltr. (12 cu. ft.) - Two doors - Single temperature control for freezer & cabinet -Castors for easy movement and adjustable legs -Clean back
1	Vertical Autoclave -voltage : 230 v -frequence : 50/60 HZ -absorbed power : 1500 w -sterilizing cycle : 1(one) -sterilizing temp : 125°c
1	Digital balance 3 digit, Capacity 200g Reproducibility 0-001 g
4	Water heater for liquids supplemented with thermostat (with temperature range 25-50 °C)
4	Water stirrer for liquids (25 watt power)

1	Air pump (120 m ³ / hr) - Electromagnetic air compressor.
1	Hot plate with magnetic stirrer Heating Area: 18x18 cm Temperature: up to 400 °C Stirring speed: 100-16500 rpm

Second: The tools and materials

10	Pipette (1 ml)
9	Pipette (2 ml)
10	Pipette (5 ml)
10	Pipette (10 ml)
3	Pipette (25 ml)
5	Measuring cylinder (50 ml)
5	Measuring cylinder (100 ml)
3	Measuring cylinder (250 ml)
5	Measuring cylinder (500 ml)
4	Measuring cylinder (1000 ml)
8	Conical flasks (2 Liter)
4	Conical flasks (1 Liter)
32	Conical flasks (125 ml)
30	Conical flasks (500 ml)
33	Conical flasks (250 ml)
12	Conical flasks (125 ml)
10	Beaker (100 ml)
14	Beaker (250 ml)

2	Beaker (500 ml)
8	Beaker (1000 ml)
4	Beaker (2000 ml)
5	Reagent Bottles (250 ml)
4	Reagent Bottles (500 ml)
50	Slides packages
50	Cover slips package
108	Petri dishes (12 cm diameter)
108	Petri dishes (9 cm diameter)
200	Petri dishes (5 cm diameter)
90	Test tubes (150 mm x 15 mm)
40	Test tubes with screw caps (100 mm x 13 mm)
50	Glass vials with screw caps (60 mm x 17 mm)
212	Test tubes with screw caps (20 x150 mm)
265	Glass vials with lids (250-500 ml)
3	Test tube rack (for 18 mm diameter)
4	Glass containers with cap (10 Liters)
20	Plastic racks (each rack consists of 5 boxes)
1	Plastic tank PVC (220 Liter)
1	Liter) Di 22Sprayer tank (Martino made in Italy
3	Plastic bags for sterilization (250-500 ml)
10	Plastic bags (10 kg capacity)
4	Plastic net

