

List of equipment

S.No.	Name of Equipment	Quantity Required
1	Silverson Emulsifier (Model – L5M-A with interchangeable mixing assemblies)	01
2	Oil expeller (Cold press machine) - Lab Model Product Details: Automatic Grade-Automatic Material-Stainless Steel Production Capacity-2-3kg/h Power(W)-400W, Voltage-220V	01
3	Tapped Bulk Density Apparatus:	01
4	Tablet Disintegration Test App.: This instrument is designed for estimation of disintegration time of tablets/ Capsules. (As per III I.P. Standard) Fitted with Digital Water Bath & Digital Timer with time hold facility Double Basket	01
5	Dissolution Rate Test Equipment: This apparatus is suitable for testing of dissolution rate of tablets & capsules. Six tests with S.S. cabinet, coloured touch screen, Digital RPM, Digital Temp. indicator, Digital Timer 99.9 min. with alarm & motorised lifting.	01
6	Digital Melting point App.: For precise determination of Melting/boiling point with Digital readout. 3½ digit LED display. Temp. Range: 40°C to 350°C and readability 1°C. Automatic furnace shut off with audio & video indications.	01
7	Microprocessor based Digital UV-VIS Spectrophotometer: (Double Beam) Range: 195-1100 nm, fully automatic operations, automatic 8 cell changer, bandwidth 1nm, automatic wavelength calibration and wavelength scan, automatic peak picking & spectrum display. Large screen with graphic display. Spectrum and data can be printed out by printer and sent to computer via USB port. Set of 4 quartz and 4 glass cuvettes. Software included, fitted with Japanese optics. With complete computer and printer set	01
8	Stability Chamber (Ref. Humidity Cabinet): Double walled, outer made of MS and inner chamber made of SS. with forced Air Circulation. Fitted with an CFC free Refrigeration system to obtain Temp. from 10°C to 50°C ± 1°C and relative. Humidity Ambient +5% to 90% ± 5%. Temp. controlled with Microprocessor based PID Digital Temp. controller and Humidity with Microprocessor based PID Humidity controller. 605 x 605 x 910 mm	01
9	Digital Refractometer for Refractive Index and Brix - HI96800 Sugar Content Range 0.0 to 85.0% Brix; 1.3300 to 1.5080 nD; 1.3330 to 1.5040 nD ₂₀ Sugar Content Resolution 0.1 % Brix; 0.0001 nD; 0.0001 nD ₂₀	01
10	Thermocouple with Interchangeable Probes for Kushta (Bhasma) K-Type Thermocouple Temperature Range - 200.0 to 999.9°C and 1000 to 1371°C; -328.0 to 999.9°F and 1000 to 2500°F	01
11	Vaccum Rotary evaporator with motorized lifting, digital RPM indicator and water bath fitted with digital temp. controller Capacity 3 liter	01
12	R&D Tablet Press 8 Station 'D' tooling machine eGMP model with Round, capsule, oval and disc shaped dies and punches set.	01

13	Lab Pill making Machine with Stick making attachment	01
14	Capsule filling machine S.S. Hand operated, all contact parts in S.S 304 quality, 300 holes with pins for extra medicine filling with 3 loading trays size of zero (0) change parts size of '00' and '2'	01

Dy. Registrar

