

Quality Control Laboratory

Testing Charges of Medicinal and Aromatic Plants

Sr.	Botanical Name	Sanskrit /Local Name	Useful Plant part	Quality parameters	Characteristic /Marker Compounds /sp.test	Testing Charges *
1.	<i>Abelmoschus moschatus</i>	Kasturi bhindi	Dried seed	FM, TA, AIA, WSE, ASE, FO		800
2.	<i>Abies webbiana</i>	Talish patra	Dried leaf	FM, TA, AIA, WSE, ASE		800
3.	<i>Abrus precatorius</i>	Gunja/ Ratti	Seeds/roots	FM, TA, AIA, WSE, ASE	Glycyrrhizin in roots	1500
4.	<i>Abutilon indicum</i>	Atibala	Roots	FM, TA, AIA, WSE, ASE		800
5.	<i>Acacia catechu</i>	Khair/ Kattha	wood	FM, TA, AIA, WSE, ASE	Tannins	1500
6.	<i>Acacia concinna</i>	Shikakai	Pods	FM, TA, AIA, WSE, ASE	Saponins	1500
7.	<i>Acacia leucophloea</i>	Arimeda	Dried Stem Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
8.	<i>Acacia nilotica</i>	Babool	Dried Stem Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
9.	<i>Acacia suma</i>	Safed khair	Dried heart wood	FM, TA, AIA, WSE, ASE		800
10.	<i>Achyranthes aspera</i>	Apamarga/ Chirchira/	Dried root	FM, TA, AIA, WSE, ASE	Saponins	1500
11.	<i>Aconitum chasmanthum</i>	Vatsanabha/ Bachhnaag	Dried root	FM, TA, AIA, WSE, ASE	Alkaloids	1500
12.	<i>Aconitum heterophyllum</i>	Ativisa	Dried tubers	FM, TA, AIA, WSE, ASE	Alkaloids	1500
13.	<i>Acorus calamus</i>	Vaca/Bach	Dried rhizome	FM, TA, AIA, WSE, ASE	Volatile oil	1500
14.	<i>Adhatoda beddomei</i>	Adussa/Amsa	Dried leaf	FM, TA, AIA, WSE, ASE	Vasicine	1500
15.	<i>Adhatoda vasica</i>	Vasa/ Adusa	Leaves	FM, TA, AIA, WSE, ASE	Vasicine	1500
16.	<i>Adhatoda vasica</i>	Vasa/ Adusa	Root	FM, TA, AIA, WSE, ASE	Vasicine	1500
17.	<i>Adiantum lunulatum</i>	Hamsapadi / Hansraj	Dried whole plant	FM, TA, AIA, WSE, ASE		800
18.	<i>Aegle marmelos</i>	Bael /Bilva	Dried root/ Dried fruit pulp	FM, TA, AIA, WSE, ASE		800

19.	<i>Aerva lanata</i>	Garakhaganja	Whole plant	FM, TA, AIA, WSE, ASE		800
20.	<i>Aesculus indica</i>	Bankhor	Dried seed	FM, TA, AIA, WSE, ASE		800
21.	<i>Aerva lanata</i>	Gorakh ganja	Dried Whole plant	FM, TA, AIA, WSE, ASE		800
22.	<i>Ailanthus excelsa</i>	Aralu/ Arlu	Stem/ Bark	FM, TA, AIA, WSE, ASE		800
23.	<i>Alangium salviifolium</i>	Ankol	Dried leaf	FM, TA, AIA, WSE, ASE		800
24.	<i>Albizia lebbek</i>	Kala Siris	Stem bark	FM, TA, AIA, WSE, ASE		800
25.	<i>Alhagi pseudalhagi</i>	Yavasaka /Javasa	Dried whole plant	FM, TA, AIA, WSE, ASE		800
26.	<i>Allium cepa</i>	Piyaz	Dried bulb	FM, TA, AIA, WSE, ASE		800
27.	<i>Allium sativum</i>	Lasuna /Lahasun	Bulb	FM, TA, AIA, WSE, ASE	Volatile oil	1500
28.	<i>Aloe vera</i>	Kanyasara, Ghritkumari	Dried juice of leaves	FM, TA, AIA, WSE, ASE	Anthraquinones	1500
29.	<i>Alpinia galanga</i>	Barakulanjan	Dried roots	FM, TA, AIA, WSE, ASE, St, EO	Essential oil, (Cineole by GC)	1500
30.	<i>Alstonia scholaris</i>	Saptaparni	Stem bark	FM, TA, AIA, WSE, ASE	Alkaloids	1500
31.	<i>Alternanthera sessilis</i>	Matsyaksi/ Gudarisag	Dried whole plant	FM, TA, AIA, WSE, ASE	Saponins	1500
32.	<i>Althaea officinalis</i>	Khatmi	Root	FM, TA, AIA, WSE, ASE, LoD		800
33.	<i>Althaea officinalis</i>	Khatmi	Seed	FM, TA, AIA, WSE, ASE		800
34.	<i>Amaranthus tricolor</i>	Ramsitalika/ Lal marsa	Dried whole plant	FM, TA, AIA, WSE, ASE	Fixed oil	1500
35.	<i>Amomum subulatum</i>	Sthulaila/ Bari elachi	Dried seed	FM, TA, AIA, WSE, ASE	Volatile Oil (Cineole –by GC)	1500
36.	<i>Amorphophallus campanulatus</i>	Surana/ Surnakanda	Dried corm	FM, TA, AIA, WSE, ASE		800
37.	<i>Anacyclus pyrethrum</i>	Akarakarabha/ Akalkara	Dried roots	FM, TA, AIA, WSE, ASE	Volatile Oil/ Alkaloids	1500
38.	<i>Andrographis paniculata</i>	Kaalmegh	Whole plant	FM, TA, AIA, WSE, ASE	Andrographolide	1500
39.	<i>Anethum sowa</i>	Satahva/ Soya	Dried ripe fruits	FM, TA, AIA, WSE, ASE	Essential Oil	1500

40.	<i>Angelica archangelica</i>	Dudhachoraa	Dried root	FM, TA, AIA, WSE, ASE, VO		800
41.	<i>Angelica glauca</i>	Rikha choraa	Dried root	FM, TA, AIA, WSE, ASE, VO		800
42.	<i>Anogeissus latifolia</i>	Dhawada	Dried stem bark	FM, TA, AIA, WSE, ASE		800
43.	<i>Anthocephalus cadamba</i>	Kadamba	Dried stem bark	FM, TA, AIA, WSE, ASE	Alkaloids	1500
44.	<i>Aquilaria agallocha</i>	Agar	Dried heart wood	FM, TA, AIA, WSE, ASE		800
45.	<i>Areca catechu</i>	Puga/ Supari	Dried Ripe Seed	FM, TA, AIA, WSE, ASE	Tannins	1500
46.	<i>Argyreia nervosa</i>	Vidhaaraa	Dried root	FM, TA, AIA, WSE, ASE		800
47.	<i>Aristolochia india</i>	Isvari/Ishwari	Dried root	FM, TA, AIA, WSE, ASE	Alkaloids	1500
48.	<i>Arnebia euchroma</i>	Ratanjot	Dried root	FM, TA, AIA, WSE, ASE	Fixed oil	1500
49.	<i>Artemisia annua</i>	Worm-weed	Whole plant	FM, TA, AIA, WSE, ASE		800
50.	<i>Asparagus adscendens</i>	Safed musli	Dried root	FM, TA, AIA, WSE, ASE	Saponins	1500
51.	<i>Asparagus racemosus</i>	Shatawar	Dried root	FM, TA, AIA, WSE, ASE	Shatawarin	1500
52.	<i>Asteracantha longifolia</i>	Kokilaksa/ Tal makhana	Dried whole plant/root/seed	FM, TA, AIA, WSE, ASE		800
53.	<i>Azadirachta indica</i>	Nimba/Nim	Dried leaf/ Stem bark	FM, TA, AIA, WSE, ASE	Azadirachtin	1500
54.	<i>Azadirachta indica</i>	Nimba/Nim	Dried root bark	FM, TA, AIA, WSE, ASE		800
55.	<i>Azadirachta indica</i>	Nimba/Nim	Dried flower	FM, TA, AIA, WSE, ASE		800
56.	<i>Azadirachta indica</i>	Nimba/Nim	Dried fruit	FM, TA, AIA, WSE, ASE		800
57.	<i>Bacopa monnieri</i>	Brahmi	Dried whole plant	FM, TA, AIA, WSE, ASE	Bacosides	1500
58.	<i>Baliospermum montanum</i>	Danti	Dried root	FM, TA, AIA, WSE, ASE		800
59.	<i>Barleria prionitis</i>	Sahacara	Dried whole plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
60.	<i>Barleria strigosa</i>	Katsaraiya/Nil i	Root	FM, TA, AIA, WSE, ASE		800
61.	<i>Baringtonia</i>	Nicula/ Hijjala	Dried fruit	FM, TA, AIA,	Saponins	1500

	<i>acutangula</i>			WSE, ASE		
62.	<i>Bauhinia variegata</i>	Kachnaar	Stem Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
63.	<i>Benincasa hispida</i>	Petha	Dried fruit	FM, TA, AIA, WSE, ASE		800
64.	<i>Berberis aristata</i>	Daruharidra	Dried Stem	FM, TA, AIA, WSE, ASE	Alkaloids	1500
65.	<i>Bergenia ligulata</i>	Pashanbhed	Dried rhizomes	FM, TA, AIA, WSE, ASE		800
66.	<i>Berginia ciliata</i>	Pashanbheda	Rhizomes	FM, TA, AIA, WSE, ASE	Gallic Acid	1500
67.	<i>Betula utilis</i>	Bhojpatra	Dried stem bark	FM, TA, AIA, WSE, ASE		800
68.	<i>Blepharis persica</i>	Utangan	Dried seed	FM, TA, AIA, WSE, ASE		800
69.	<i>Boerhavia diffusa</i>	Punarnava	Dried mature whole plant/root	FM, TA, AIA, WSE, ASE		800
70.	<i>Boerhavia verticillata</i>	Safed punarnavaa	Root	FM, TA, AIA, WSE, ASE		800
71.	<i>Bombax malabaricum</i>	Salmali/Semal	Mature stem bark	FM, TA, AIA, WSE, ASE		800
72.	<i>Borassus flabellifer</i>	Tala/Tal	Dried male inflorescence	FM, TA, AIA, WSE, ASE		800
73.	<i>Boswellia serrata</i>	Salai	Gum	FM, TA, AIA, WSE, ASE	Boswellic acid	800
74.	<i>Brassica campestris</i>	Sarsapa/Saras o	Dried seed	FM, TA, AIA, WSE, ASE	Fixed oil	1500
75.	<i>Buchanania lanzan</i>	Chronji/Priyala/Piyal	Seed	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
76.	<i>Buchanania lanzan</i>	Chronji/Priyala/Piyal	Stem bark	FM, TA, AIA, WSE, ASE		800
77.	<i>Butea monosperma</i>	Palash/Tesu	Gum	FM, TA, AIA, WSE, ASE		800
78.	<i>Butea monosperma</i>	Palash/Tesu	Dried flower	FM, TA, AIA, WSE, ASE		800
79.	<i>Butea monosperma</i>	Palash/Tesu	Dried stem bark, seeds	FM, TA, AIA, WSE, ASE	Gallic Acid	1500
80.	<i>Butea monosperma</i>	Palash/Tesu	Seed	FM, TA, AIA, WSE, ASE, FO, Protein	Fixed oil	1500
81.	<i>Butea monosperma</i>	Palash/Tesu	Dried flower	FM, TA, AIA, WSE, ASE		800
82.	<i>Ceasalpinia</i>	Katkaranj	Seed	FM, TA, AIA,	Fixed oil	1500

	<i>bonduc</i>			WSE, ASE		
83.	<i>Ceasalpinia crista</i>	Chilbil/Kanju	Stem bark	FM, TA, AIA, WSE, ASE		800
84.	<i>Caesalpinia sappan</i>	Pagang	Dried heart wood	FM, TA, AIA, WSE, ASE		800
85.	<i>Cajanus cajan</i>	Arahar	Dried root	FM, TA, AIA, WSE, ASE		800
86.	<i>Callicarpa macrophylla</i>	Priyangu	Dried inflorescence	FM, TA, AIA, WSE, ASE	Resins	1500
87.	<i>Callicarpa macrophylla</i>	Priyangu	Dried fruit	FM, TA, AIA, WSE, ASE		800
88.	<i>Calophyllum inophyllum</i>	Sultan champa	Dried stem bark	FM, TA, AIA, WSE, ASE		800
89.	<i>Calotropis procera</i>	Arka/Aak	Dried stem bark	FM, TA, AIA, WSE, ASE		800
90.	<i>Calotropis gigantea</i>	Safed aak	Root , flower	FM, TA, AIA, WSE, ASE		800
91.	<i>Calycopteris floribunda</i>	Kokkarai	Leaf	FM, TA, AIA, WSE, ASE		800
92.	<i>Calycopteris floribunda</i>	Kokkarai	Root	FM, TA, AIA, WSE, ASE		800
93.	<i>Calycopteris floribunda</i>	Kokkarai	Stem	FM, TA, AIA, WSE, ASE		800
94.	<i>Cannabis sativa</i>	Vijaya/ Bhang	Dried Leaves	FM, TA, AIA, WSE, ASE	Resins	1500
95.	<i>Capparis decidua</i>	Karer	Dried fruit			800
96.	<i>Capparis sepiara</i>	Kanthari	Mature fruit	FM, TA, AIA, WSE, ASE		800
97.	<i>Capparis spinosa</i>	Kabara, hainsaa	Dried root	FM, TA, AIA, WSE, ASE		800
98.	<i>Cardiospermum halicacabum</i>	Kaanphuti/Lat aaphataki	Root	FM, TA, AIA, WSE, ASE		800
99.	<i>Cardiospermum halicacabum</i>	Kaanphuti/Lat aaphataki	Seed	FM, TA, AIA, WSE, ASE,FO	Fixed oil	1500
100.	<i>Careya arborea</i>	Sthala kumbhi	Dried seed	FM, TA, AIA, WSE, ASE	Fixed oil	1500
101.	<i>Carissa carandas</i>	Karonda/Kara marda/ Karijige	Dried stem bark/root	FM, TA, AIA, WSE, ASE		800
102.	<i>Carum carvi</i>	Shah jira	Seeds	FM, TA, AIA, WSE, ASE	Essential Oil	1500
103.	<i>Cassia angustifolia</i>	Sanay/Senna	Leaves	FM, TA, AIA, WSE, ASE	Total Anthraquinon	1500

					es/ Sennosoides	
104.	<i>Cassia fistula</i>	Amaltash	Fruits	FM, TA, AIA, WSE, ASE	Sennosides	1500
105.	<i>Cassia occidentalis</i>	Kasoundi	Dired leaf,seeds	FM, TA, AIA, WSE, ASE	Anthraquinon es	1500
106.	<i>Cassia tora</i>	Prapunada/P avand	Dried seed	FM, TA, AIA, WSE, ASE	Anthraquinon es	1500
107.	<i>Catharanthus roseus</i>	Sadabahar	Dried leaf	FM, TA, AIA, WSE, ASE	Alkaloids	1500
108.	<i>Catunaregam spinosa</i>	Mainphal	Dried fruit	FM, TA, AIA, WSE, ASE		800
109.	<i>Cedrela toona</i>	Toonee	Sten bark	FM, TA, AIA, WSE, ASE		800
110.	<i>Cedrus deodara</i>	Deodar	Dried heart wood	FM, TA, AIA, WSE, ASE		800
111.	<i>Celastrus paniculatus</i>	Jyotismati/ Malkanguni	Dried seeds	FM, TA, AIA, WSE, ASE	Fixed oil	1500
112.	<i>Centella asiatica</i>	Mandukparni	Dried Arial mparts	FM, TA, AIA, WSE, ASE		800
113.	<i>Centratherum anthelminticum</i>	Kaalijeeree	Dried fruit	FM, TA, AIA, WSE, ASE	Fixed oil	1500
114.	<i>Chlorophytum arundinacum</i>	Safed musli	Dried tuberous root	FM, TA, AIA, WSE, ASE	Saponins,	1500
115.	<i>Chlorophytum borivillianum</i>	Safed Musli	Roots		Saponins,	1500
116.	<i>Cichorium intybus</i>	Kasni	Dried root	FM, TA, AIA, WSE, ASE		800
117.	<i>Cinchona officinalis</i>	Cinchona	Dried bark	FM, TA, AIA, WSE, ASE	Total Alkaloids	1500
118.	<i>Cinnamomum camphora</i>	Karpur	Dried leaf, stem bark	FM, TA, AIA, WSE, ASE	Camphor	1500**
119.	<i>Cinnamomum tamala</i>	Tvakaptra/ Tejpatta	Dried bark	FM, TA, AIA, WSE, ASE	Essential Oil (Eugenol –by GC)	1700
120.	<i>Cinnamomum zeylanicum</i>	Tvak/ Dalchini	Dried bark	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
121.	<i>Cissampelos pareira</i>	Patha	Dried Roots	FM, TA, AIA, WSE, ASE	Alkaloids	1500
122.	<i>Cissus quadrangularis</i>	Asthisamhrata Hadjod	Drie stem	FM, TA, AIA, WSE, ASE	Ascorbic Acid	1500
123.	<i>Citrullus colocynthis</i>	Indravaruni	Dried root/leaf	FM, TA, AIA, WSE, ASE	Saponins in root	1500
124.	<i>Citrus medica</i>	Bijapura/Bijur	Fresh fruit	FM, TA, AIA,	Volatile Oil	1500

		a/Nimbu		WSE, ASE		
125.	<i>Clerodendron serratum</i>	Bharangi	Dried root	FM, TA, AIA, WSE, ASE	Saponins	1500
126.	<i>Clerodendrum phlomidis</i>	Agnimantha/ Urmi	Dried roots	FM, TA, AIA, WSE, ASE		800
127.	<i>Clitoria ternatea</i>	Aparjita	Dried Roots	FM, TA, AIA, WSE, ASE	Tannins	1500
128.	<i>Coccinia indica</i>	Bimbi/ Kundruki bel	Dried whole plant	FM, TA, AIA, WSE, ASE	Saponins	1500
129.	<i>Cocos nucifera</i>	Narikela/ Nariyal	Dried endosperm	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
130.	<i>Coix lachrymal-jobi</i>	Garahedu	Dried root	FM, TA, AIA, WSE, ASE		800
131.	<i>Coix lachrymal-jobi</i>	Garahedu	Dried seeds	FM, TA, AIA, WSE, ASE		800
132.	<i>Colchicum luteum</i>	Suranjana	Dried corm	FM, TA, AIA, WSE, ASE		800
133.	<i>Coleus forskohlii</i>	Patharchur	Roots	FM, TA, AIA, WSE, ASE, EO	Forskolin	1500
134.	<i>Commiphora wightii</i>	Guggul	Gum Resin	FM, TA, AIA, WSE, ASE	Guggulsterons	1500
135.	<i>Convolvulus pluricaulis</i>	Sankhpushpi	Dried whole plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
136.	<i>Coriandrum sativum</i>	Dhania	Dried Seeds	FM, TA, AIA, WSE, ASE	Essential oil, (Linalool- by GC)	1700**
137.	<i>Coscinium fenestratum</i>	Jhar-i-huldi	Dried stem	FM, TA, AIA, WSE, ASE, LoD, TAI.		800
138.	<i>Coscinium fenestratum</i>	Jhar-i-huldi	Dried root	FM, TA, AIA, WSE, ASE, LoD, TAI.		800
139.	<i>Costus speciosus</i>	Kebu/Kemuk/ Kemuaa	Dried rhizome	FM, TA, AIA, WSE, ASE		800
140.	<i>Crataeva nurvala</i>	Varuna	Dried bark	FM, TA, AIA, WSE, ASE	Tannins	1500
141.	<i>Crocus sativus</i>	Kesar	Dried Stigma	FM, TA, AIA, WSE, ASE	Essential oil	1500
142.	<i>Crotalaria juncea</i>	Sana/Sunn	Dried seed	FM, TA, AIA, WSE, ASE		800
143.	<i>Croton tiglium</i>	Jayapala/ amalgota	Dried seed	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
144.	<i>Cryptolepis buchanani</i>	Kali anantmool	Dried roots	FM, TA, AIA, WSE, ASE		800
145.	<i>Cucumis melo</i>	Kakdi	Dried Seeds	FM, TA, AIA,	Fixed Oil	1500

				WSE, ASE		
146.	<i>Cucumis sativus</i>	Kheeraa	Dried seed	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
147.	<i>Cuminum cyminum</i>	Jeera	Dried Seeds	FM, TA, AIA, WSE, ASE	Essential Oil (Cuminaldehyde – by GC)	1700**
148.	<i>Curculigo orchoides</i>	Kali musli	Dried rhizome	FM, TA, AIA, WSE, ASE	Saponins	1500
149.	<i>Curcuma amada</i>	Aam-haldi	Dried Rhizome	FM, TA, AIA, WSE, ASE, EO, Starch	Essential oil, (Cineole –by GC)	1700**
150.	<i>Curcuma longa</i>	Haridra/ Haldi	Rhizome	FM, TA, AIA, WSE, ASE	Curcumim, Curcuminoids	1500
151.	<i>Curcuma zedoaria</i>	Kachur	Dried rhizome	FM, TA, AIA, WSE, ASE, VO		800
152.	<i>Cymbopogon citrates</i>	Gandhatrun/H arichhaya	Whole plant	FM, TA, AIA, WSE, ASE	Essential oil Citral	1700
153.	<i>Cynodon dactylon</i>	Durva/ Doob	Dried fibrous root	FM, TA, AIA, WSE, ASE		800
154.	<i>Cymbopogon martini</i>	Rohis/Roosaa/ Mirchagandha	Dried leaf, stem, root	FM, TA, AIA, WSE, ASE	Essential oil Geraniol	1700
155.	<i>Cyperus rotundus</i>	Musta/ motha	Dried rhizome	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
156.	<i>Dactylorhiza hatagirea</i>	Salam panja	Dried tuberous root	FM, TA, AIA, WSE, ASE		800
157.	<i>Dalbergia sissoo</i>	Simsapa/ Seesam	Dried heart wood/stem bark	FM, TA, AIA, WSE, ASE	Tannins	1500
158.	<i>Datura metel</i>	Dhattura/ Dhatura	Dried seed	FM, TA, AIA, WSE, ASE	Alkaloids	1500
159.	<i>Datura stramonium</i>	Dhatura	Leaves	FM, TA, AIA, WSE, ASE	Alkaloids	1500
160.	<i>Dendrophthoe falcate</i>	Banda	Dried fruit	FM, TA, AIA, WSE, ASE		800
161.	<i>Dendrophthoe falcate</i>	Banda	Dried stem bark	FM, TA, AIA, WSE, ASE		800
162.	<i>Dendrophthoe falcate</i>	Banda	Dried leaf	FM, TA, AIA, WSE, ASE		800
163.	<i>Dendrophthoe falcate</i>	Banda	Dried root	FM, TA, AIA, WSE, ASE		800
164.	<i>Desmodium gangeticum</i>	Salaparni	Dried root	FM, TA, AIA, WSE, ASE	Alkaloids	1500
165.	<i>Desmostachya</i>	Kusa/Kush	Dried root	FM, TA, AIA,		800

	<i>bipinnata</i>			WSE, ASE		
166.	<i>Digitalis lanata</i>	Haripatri	Dried leaf	FM, TA, AIA, WSE, ASE		800
167.	<i>Dioscorea bulbifera</i>	Vahari kand	Dried rhizome	FM, TA, AIA, WSE, ASE		800
168.	<i>Dioscorea deltoidea</i>	Tar	Dried rhizome	FM, TA, AIA, WSE, ASE		800
169.	<i>Diospyros tomentosa</i>	Tendu	Dried stem bark	FM, TA, AIA, WSE, ASE		800
170.	<i>Drimia indica</i>	Jangli piyaz	Dried bulb	FM, TA, AIA, WSE, ASE		800
171.	<i>Eclipta prostrata</i>	Bhringaraja	Whole Plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
172.	<i>Eucalyptus globules</i>	Nilgiri	Mature leaf	FM, TA, AIA, WSE, ASE	Essential oil Ceniole	1500
173.	<i>Elaeocarpus sphaericus</i>	Rudraksha	Seed	FM, TA, AIA, WSE, ASE		800
174.	<i>Elettaria cardamomum</i>	Suksmaila/Ela ichi	Dried seed	FM, TA, AIA, WSE, ASE	Volatile oil, (Cineole-by GC)	1700**
175.	<i>Eleusine corocana</i>	Manduaa/Mak araa/Raagi	Dried root	FM, TA, AIA, WSE, ASE		800
176.	<i>Embelia ribes</i>	Vidanga	Dried Fruits	FM, TA, AIA, WSE, ASE	Embelin	1500
177.	<i>Emblica officinalis</i>	Aonla	Dry/Fresh epicarp of fruit	FM, TA, AIA, WSE, ASE	Ascorbic acid/Gallic acid	1500
178.	<i>Enicostemma hyssopifolium</i>	Chhota chirayata	Dried whole plant	FM, TA, AIA, WSE, ASE		800
179.	<i>Ephedra gerardiana</i>	Tutgantha	Dried stem	FM, TA, AIA, WSE, ASE		800
180.	<i>Erythrina indica</i>	Paribhadra / Pharahada	Dried stem bark	FM, TA, AIA, WSE, ASE	Alkaloids	1500
181.	<i>Eugenia jambolana</i>	Jambu/Jamun	Dried seeds/stem bark	FM, TA, AIA, WSE, ASE	Gallic Acid in seeds and tannins in bark	1500
182.	<i>Euphorbia dracunculoides</i>	Saptala/ Titali	Dried whole plant	FM, TA, AIA, WSE, ASE		800
183.	<i>Euphorbia neriifolia</i>	Snudhi / Thuhar	Stem	FM, TA, AIA, WSE, ASE	Resins	1500
184.	<i>Euphorbia prostata</i>	Chhoti dudhi	Whole plant	FM, TA, AIA, WSE, ASE		800
185.	<i>Euphorbia</i>	Choti-dudhi	Whole plant	FM, TA, AIA, WSE, ASE		800

	<i>thymifolia</i>					
186.	<i>Euphorbia tirucalli</i>	Konpal sehund	Dried stem	FM, TA, AIA, WSE, ASE		800
187.	<i>Evolvulus alsinoides</i>	Sankhahuli	Ariel parts	FM, TA, AIA, WSE, ASE		800
188.	<i>Fagonia cretica</i>	Dhamaasaa	Dried whole plant	FM, TA, AIA, WSE, ASE		800
189.	<i>Feronia limonia</i>	Kapittha/ Kaitha	Dried pulp of mature fruit	FM, TA, AIA, WSE, ASE	Citric Acid	1500
190.	<i>Ferula foetida</i>	Hing	Oleo gum Resin	FM, TA, AIA, WSE, ASE	Chemical identity test	500
191.	<i>Ferula jaeschkeana</i>	Hingupatri	Dried leaf	FM, TA, AIA, WSE, ASE		800
192.	<i>Ficus arnottiana</i>	Beliya peepal	Dried root	FM, TA, AIA, WSE, ASE		800
193.	<i>Ficus benghalensis</i>	Bargad	Dried Stem Bark,	FM, TA, AIA, WSE, ASE	Tannins	1500
194.	<i>Ficus benghalensis</i>	Bargad	Dried Ariel root	FM, TA, AIA, WSE, ASE		800
195.	<i>Ficus hispida</i>	Phalgu/ Kathumar	Dried fruits/root	FM, TA, AIA, WSE, ASE	Tannins	1500
196.	<i>Ficus racemosa</i>	Udumbara/ Gular	Dried bark/ Root	FM, TA, AIA, WSE, ASE	Tannins	1500
197.	<i>Ficus lacor</i>	Plaksa/ Pakad	Dried stem bark	FM, TA, AIA, WSE, ASE	Tannins	1500
198.	<i>Ficus lacor</i>	Plaksa/ Pakad	Dried fruit	FM, TA, AIA, WSE, ASE		800
199.	<i>Ficus religiosa</i>	Asvattha / Pipal	Dry Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
200.	<i>Flacourtia indica</i>	Bilangra	Dried leaf	FM, TA, AIA, WSE, ASE		800
201.	<i>Flacourtia indica</i>	Bilangra	Dried stem bark	FM, TA, AIA, WSE, ASE		800
202.	<i>Foeniculum vulgare</i>	Misreya/ Badi saunf	Dried fruits	FM, TA, AIA, WSE, ASE	Essential oil	1500
203.	<i>Fritillaria roylei</i>	Kshira/Kakoli	Dried bulb	FM, TA, AIA, WSE, ASE		800
204.	<i>Fumaria parviflora</i>	Pittapapada	Whole plant	FM, TA, AIA, WSE, ASE		800
205.	<i>Garcinia gummi-gutta</i>	Bitattianili	Dried pericarp of fruit	FM, TA, AIA, WSE, ASE		800
206.	<i>Gloriosa superba</i>	Langali/ Kalihari	Dried roots	FM, TA, AIA, WSE, ASE	Alkaloids	1500
207.	<i>Glycyrrhiza</i>	Mulethi/ Yastimadhu	Dried stolons	FM, TA, AIA, WSE, ASE	Glycyrrhizic acid	1500

	<i>glabra</i>					
208.	<i>Gmelina arborea</i>	Gambhari	Dried fruit/stem/ Dried Root and Root Bark	FM, TA, AIA, WSE, ASE	Alkaloids in roots	1500
209.	<i>Gossypium herbaceum</i>	Kapaas	Seeds	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
210.	<i>Grewia tenax</i>	Gangeru	Dried stem bark	FM, TA, AIA, WSE, ASE	Tannins	1500
211.	<i>Gymnema sylvestre</i>	Gurmar	Fresh or dried leaves	FM, TA, AIA, WSE, ASE	Gymnemic acid, Foaming index	800
212.	<i>Gymnema sylvestre</i>	Gurmar	Root	FM, TA, AIA, WSE, ASE	Gymnemic acid,	1500
213.	<i>Habenaria intermedia</i>	Asvasini/Riddhi	Dried tuber	FM, TA, AIA, WSE, ASE		800
214.	<i>Hedychium spicatum</i>	Sati/ Kapurkachri	Rhizomes	FM, TA, AIA, WSE, ASE	Essential Oil	1500
215.	<i>Hemidesmus indicus</i>	Sveta sariva/ Anantmul	Roots	FM, TA, AIA, WSE, ASE	Essential Oil	1500
216.	<i>Hibiscus rosa-sinensis</i>	Gurhal	Dried flower	FM, TA, AIA, WSE, ASE		800
217.	<i>Hibiscus sabdariffa</i>	Ambasthaki/ Lalambari	Dried root	FM, TA, AIA, WSE, ASE		800
218.	<i>Holarrhena antidysenterica</i>	Kootaj	Dried seeds	FM, TA, AIA, WSE, ASE	Total alkaloides	1500
219.	<i>Hordeum vulgare</i>	Yava/ Jau	Dried fruit	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
220.	<i>Hordeum vulgare</i>	Yava/ Jau	Whole plant	FM, TA, AIA, WSE, ASE		800
221.	<i>Hyoscyamus niger</i>	Khurasani ajowain	Dried seeds	FM, TA, AIA, WSE, ASE		800
222.	<i>Hypericum perforatum</i>	Basant	Dried ariel part	FM, TA, AIA, WSE, ASE		800
223.	<i>Imperata cylindrical</i>	Daabha/Siru	Dried root	FM, TA, AIA, WSE, ASE		800
224.	<i>Indigofera tinctoria</i>	Neel	Dried leaf/root/whole plant	FM, TA, AIA, WSE, ASE		800
225.	<i>Inula racemosa</i>	Pohakar mul	Dried root	FM, TA, AIA, WSE, ASE		800
226.	<i>Ipomoea digitata</i>	Vidaaree kanda	Dried root	FM, TA, AIA, WSE, ASE		800
227.	<i>Jasminum</i>	Jati/ Chameli	Dried leaves	FM, TA, AIA,	Volatile Oil	1500

	<i>officinale</i>			WSE, ASE		
228.	<i>Jatropha glandulifera</i>	Lalbharenda /Jangli erandi	Dried seed	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
229.	<i>Juglans regia</i>	Akhrot	Dried Cotyledons	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
230.	<i>Juniperus communis</i>	Hapusa/ Havuber	Dried fruit	FM, TA, AIA, WSE, ASE	Essential Oil	1500
231.	<i>Inula racemosa</i>	Pokhar mool	Dried root	FM, TA, AIA, WSE, ASE		800
232.	<i>Lagenaria siceraria</i>	Tumbini/ Lauki	Fresh fruit	FM, TA, AIA, WSE, ASE	Saponins	1500
233.	<i>Lawsonia inermis</i>	Mehndi /Henna	Dried leaf powder	FM, TA, AIA, WSE, ASE		800
234.	<i>Lens culinaris</i>	Masura	Dried seed	FM, TA, AIA, WSE, ASE		800
235.	<i>Leonotis nepetaefolia</i>	Granthipaira /Ganthivan	Root	FM, TA, AIA, WSE, ASE		800
236.	<i>Lepidium sativum</i>	Chandrashur, Halim	Dried Seeds	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
237.	<i>Leptadenia reticulata</i>	Dodi	Dried stem and leaf	FM, TA, AIA, WSE, ASE		800
238.	<i>Leucas cephalotes</i>	Dron puspi	Whole plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
239.	<i>Liliun polyphyllum</i>	Kakoli	Dried tubers	FM, TA, AIA, WSE, ASE		800
240.	<i>Linum usitatissimum</i>	Atasi/Alsi	Seeds	FM, TA, AIA, WSE, ASE	Fixed oil	1500
241.	<i>Listea chinensis</i>	Maida lakdi	Stem bark	FM, TA, AIA, ASE		800
242.	<i>Listea chinensis</i>	Maida lakdi	Wood	FM, TA, AIA, WSE, ASE		800
243.	<i>Lodoicea maldivica</i>	Dariyai nariyal	Dried endosperm	FM, TA, AIA, WSE, ASE		800
244.	<i>Luffa acutangula</i>	Turai / Kosataki	Dried whole plant	FM, TA, AIA, WSE, ASE	Saponins	1500
245.	<i>Mangifera indica</i>	aam/ Amra	Dried seed/stem bark	FM, TA, AIA, WSE, ASE	Tannins	1500
246.	<i>Madhuca indica</i>	Madhuka/ Mahua	Flowers	FM, TA, AIA, WSE, ASE		800
247.	<i>Malaxis acuminata</i>	Jivak	Dried pseudobulb	FM, TA, AIA, WSE, ASE		800
248.	<i>Mallotus philippinensis</i>	Kabila/	Glands and Hairs of Fruits	FM, TA, AIA, WSE, ASE		800

249.	<i>Marsdenia tenacissima</i>	Murva	Dried root	FM, TA, AIA, WSE, ASE	Resins	1500
250.	<i>Martynia annua</i>	Kakanasika/ Bichu Hathjori	Dried seed	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
251.	<i>Melia azedarach</i>	Bakain	Dried stem bark	FM, TA, AIA, WSE, ASE		800
252.	<i>Mentha piperita</i>	Pudina		FM, TA, AIA, WSE, ASE	Volatile oil (Menthol- byGC)	1700**
253.	<i>Mentha viridis</i>	Pudeenaa	Ariel part	FM, TA, AIA, WSE, ASE		800
254.	<i>Mesua ferrea</i>	Nagakesara	Dried stamens	FM, TA, AIA, WSE, ASE	Essential Oil	1500
255.	<i>Michelia champaca</i>	Champa	Dried buds, flower	FM, TA, AIA, WSE, ASE		800
256.	<i>Mimosa pudica</i>	Lajjalu/ Chhuimui	Dried whole plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
257.	<i>Mimosops elengi</i>	Bakul	Dried stem bark	FM, TA, AIA, WSE, ASE		800
258.	<i>Momordica charantia</i>	Karavallaka/ Karela	Fresh fruit	FM, TA, AIA, WSE, ASE	Alkaloids	1500
259.	<i>Momordica dioica</i>	Vanakakodaa/ Baanja/Khekh assa	Dried root	FM, TA, AIA, WSE, ASE		800
260.	<i>Moringa oleifera</i>	Sigru/Shajoma /Munga/Soanj na	Dried leaf	FM, TA, AIA, WSE, ASE	Ascorbic acid	1500
261.	<i>Moringa oleifera</i>	Sigru/Shajoma /Munga/Soanj na	Dried root bark	FM, TA, AIA, WSE, ASE		800
262.	<i>Moringa oleifera</i>	Sigru/Shajoma /Munga/Soanj na	Dried seed	FM, TA, AIA, WSE, ASE		800
263.	<i>Moringa oleifera</i>	Sigru/Shajoma /Munga/Soanj na	Dried stem bark	FM, TA, AIA, WSE, ASE		800
264.	<i>Mucuna pruriens</i>	Kenwach / Atmagupta	Dried mature seed	FM, TA, AIA, WSE, ASE		800
265.	<i>Murraya koenigii</i>	Mithi-neem	Leaves	FM, TA, AIA, WSE, ASE	Essential oil	1500
266.	<i>Musa paradisiacal</i>	Kela	Dried flower	FM, TA, AIA, WSE, ASE		800
267.	<i>Myristica esculanta</i>	Katphala/ Kayphajl	Dried fruit/ Stem bark	FM, TA, AIA, WSE, ASE	Waxy Material	1500
268.	<i>Myristica</i>	Jatiphala/	Endosperm of	FM, TA, AIA,	Volatile	1500

	<i>fragrans</i>	Jaayphal	dried seeds	WSE, ASE	oil/Fixed oil	
269.	<i>Nardostachys jatamansi</i>	Jatamansi	Dried rhizome	FM, TA, AIA, WSE, ASE	Essential oil	1500**
270.	<i>Nelumbo nucifera</i>	Kamala/ kamal	Dried flowers/ rhizome	FM, TA, AIA, WSE, ASE		800
271.	<i>Nerium indicum</i>	Karavira/ Kaner	Dried root/Dried leaves	FM, TA, AIA, WSE, ASE		800
272.	<i>Nigella sativa</i>	Upakuncika/ Kalaunji	Seeds	FM, TA, AIA, WSE, ASE	Essential oil, (Thymol-by GC)	1700**
273.	<i>Nyctanthes arbor-tristis</i>	Harsingar	Dried leaf	FM, TA, AIA, WSE, ASE		800
274.	<i>Nymphaea alba</i>	Kumuda/ Kui	Dried flowers	FM, TA, AIA, WSE, ASE		800
275.	<i>Nymphaea stellata</i>	Utpala/ Neel kamal	Dried flowers	FM, TA, AIA, WSE, ASE		800
276.	<i>Ocimum basilicum</i>	Kali tulsi	Dried leaf	FM, TA, AIA, WSE, ASE		800
277.	<i>Ocimum gratissimum</i>	Ram tulsi	Dried leaf	FM, TA, AIA, WSE, ASE		800
278.	<i>Ocimum sanctum</i>	Tulsi	Dried whole plant/leaf	FM, TA, AIA, WSE, ASE	Essential oil (Eugenol-by GC)	1700**
279.	<i>Ocimum sanctum</i>	Tulsi	Dried seed	FM, TA, AIA, ASE	Fixed oil	1500
280.	<i>Onosma bracteatum</i>	Gojihva/ Gaozaban	Dried leaf /stem	FM, TA, AIA, WSE, ASE	Tannins	1500
281.	<i>Operculina turpethum</i>	Trivrt/Nishothra	Dried root	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
282.	<i>Oroxylum indicum</i>	Syonaka/ Sonapayha	Dried root	FM, TA, AIA, WSE, ASE	Tannins	1500
283.	<i>Ougeinia oojeinensis</i>	Sandan/Tinisa a	Wood	FM, TA, AIA, WSE, ASE		800
284.	<i>Oxalis corniculata</i>	Cangeri/ Tinpattiya/ Pilibuti	Dried whole plant	FM, TA, AIA, WSE, ASE	Ascorbic Acid	1500
285.	<i>Oryza sativa</i>	Sali/Chaval	Dried root	FM, TA, AIA, WSE, ASE		800
286.	<i>Paederia foetida</i>	Prsarini/Gandha prasararini	Dried whole plant/fruit	FM, TA, AIA, WSE, ASE	Alkaloids	1500
287.	<i>Pandanus tectorius</i>	Ketaki/ Kewda		FM, TA, AIA, WSE, ASE	Essential Oil	1500
288.	<i>Papaver</i>	Apheem/Khas khas	Seed	FM, TA, AIA, WSE, ASE		800

	<i>somniferum</i>					
289.	<i>Parmelia perlata</i>	Saileya/ Charela	Whole thallus	FM, TA, AIA, WSE, ASE		800
290.	<i>Paspalum scrobiculatum</i>	Kodon/Kodava/Kododhaam	Grain	FM, TA, AIA, WSE, ASE		800
291.	<i>Pedalium murex</i>	Bada gokhru	Dried fruit	FM, TA, AIA, WSE, ASE		800
292.	<i>Peristrophe bicalyculata</i>	Kakajangha/ Atrilal	Dried roots	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
293.	<i>Phaseolus radiatus</i>	Mudga/ Moong	Dried seed	FM, TA, AIA, WSE, ASE	Saponins	1500
294.	<i>Phoenix dactylifera</i>	Chhuhara	Dried fruit	FM, TA, AIA, WSE, ASE		800
295.	<i>Phoenix dactylifera</i>	Khajur	Mature fruit	FM, TA, AIA, WSE, ASE		800
296.	<i>Phyla nodiflora</i>	Jal pippli	Dried whole plant	FM, TA, AIA, WSE, ASE		800
297.	<i>Phyllanthus acidus</i>	Harfaarevadi/ Laveli	Dried fruit	FM, TA, AIA, WSE, ASE		800
298.	<i>Phyllanthus maderaspatensis</i>	Kanocha	Whole plant	FM, TA, AIA, WSE, ASE		800
299.	<i>Phyllanthus niruri</i>	Bhuiavla	Whole plant	FM, TA, AIA, WSE, ASE		800
300.	<i>Physalis alkekengi</i>	Kakanaja	Dried fruit	FM, TA, AIA, WSE, ASE		800
301.	<i>Picrorhiza kurroa</i>	Katuka/ Kutki	Dried rhizome	FM, TA, AIA, WSE, ASE	Alkaloids	1500
302.	<i>Pimpinella anisum</i>	Saugh	Dried fruit	FM, TA, AIA, WSE, ASE		800
303.	<i>Pinus roxburghii</i>	Sarala/ Cheed	Dried heart wood/root	FM, TA, AIA, WSE, ASE	Oleo resin	1500
304.	<i>Pinus roxburghii</i>	Sarala/ Cheed	Exudate	FM, TA, AIA, WSE, ASE, VO		800
305.	<i>Piper betle</i>	Nagavalli/ Palm	Leaf	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
306.	<i>Piper cubeba</i>	Kankola, Kababchini/ Sheetal chini		FM, TA, AIA, WSE, ASE	Volatile Oil	1500
307.	<i>Piper longum</i>	Pippali mula	Dried stem pieces/Roots	FM, TA, AIA, WSE, ASE	Essential Oil	1500

308.	<i>Piper longum</i>	Pippali	Dried, immature fruit	FM, TA, AIA, WSE, ASE		800
309.	<i>Piper nigrum</i>	Marica/ kalimirch	Dried fruit	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
310.	<i>Piper retrofractum</i>	Chayva	Dried Stem	FM, TA, AIA, WSE, ASE	Alkaloids	1500
311.	<i>Pistacia chinensia</i>	Kakda singi	Dried Galls	FM, TA, AIA, WSE, ASE	Essential oil	1500
312.	<i>Pistacia lentiscus</i>	Rumi mastagee	Resin	FM, TA, AIA, WSE, ASE		800
313.	<i>Plantago ovata</i>	Isabgol	Husk	FM, TA, AIA, WSE, ASE	Swelling Factor	500
314.	<i>Pluchea lanceolata</i>	Rasna	Dried leaf	FM, TA, AIA, WSE, ASE		800
315.	<i>Plumbago zeylanica</i>	Chitraka	Dried Mature roots	FM, TA, AIA, WSE, ASE		800
316.	<i>Podophyllum hexandrum</i>	Bakrachimaka	Rhizome	FM, TA, AIA, WSE, ASE		800
317.	<i>Polygonatum cirrhifolium</i>	Mahameda	Dried rhizome, root	FM, TA, AIA, WSE, ASE		800
318.	<i>Pongamia pinnata</i>	Karanja/ Kangi	Dried root/Root bark/ Stem bark/seed/leaf	FM, TA, AIA, WSE, ASE	Fixed Oil in Seed	1500
319.	<i>Portulaca oleracea</i>	Kozuppa/ Khursa	Dried whole plant	FM, TA, AIA, WSE, ASE	Ascorbic Acid	1500
320.	<i>Prunus avium</i>	Krusabala	Dried seed	FM, TA, AIA, WSE, ASE		800
321.	<i>Prunus cerasoides</i>	Padamaka	Heartwood	FM, TA, AIA, WSE, ASE		800
322.	<i>Psoralea corylifolia</i>	Bavachi	Dry ripe fruit	FM, TA, AIA, WSE, ASE	Fixed/volatile oil	1500
323.	<i>Pterocarpus marsupium</i>	Asana/ Bija	Dried stem bark	FM, TA, AIA, WSE, ASE	Alkaloids	1500
324.	<i>Pterocarpus santalinus</i>	Rakta chandan	Heartwood	FM, TA, AIA, WSE, ASE		800
325.	<i>Pueraria tuberosa</i>	Vidari/ Vidarikanda	Dried tuberous root	FM, TA, AIA, WSE, ASE, LoD, Starch		800
326.	<i>Punica granatum</i>	Anaar/ Darim	Dried Seeds	FM, TA, AIA, WSE, ASE	Gallic Acid	1500
327.	<i>Punica granatum</i>	Anaar/ Darim	Dried leaf	FM, TA, AIA, WSE, ASE		800
328.	<i>Quercus</i>	Manjuphal	Dried galls	FM, TA, AIA,		800

	<i>infectoria</i>			WSE, ASE, TC		
329.	<i>Raphanus sativus</i>	Mulaka / Muli	Fresh whole plant/roots/seed	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
330.	<i>Rauvolfia serpentina</i>	Sarpagandha	Dried roots	FM, TA, AIA, WSE, ASE	Reserpine	1500
331.	<i>Rauvolfia tetraphylla</i>	Bada chandrika	Dried root	FM, TA, AIA, WSE, ASE		800
332.	<i>Rheum emodi</i>	Revand chini	Dried rhizome	FM, TA, AIA, WSE, ASE	Anthraquinone Glycosides	1500
333.	<i>Ricinus communis</i>	Eranda	Fresh leaf/ Dried seed	FM, TA, AIA, WSE, ASE	Fixed oil in seed, Alkaloids in roots	1500
334.	<i>Rhus parviflora</i>	Samakadana/ Raitung	Dried ariel part	FM, TA, AIA, WSE, ASE		800
335.	<i>Rosa centifolia</i>	Satapatrika/ Gulab	Dried flower	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
336.	<i>Rubia cordifolia</i>	Manjistha	Dried stem	FM, TA, AIA, WSE, ASE	Anthraquinone Glycosides	1500
337.	<i>Saccharum officinarum</i>	Iksu/ Ganna	Dried stem	FM, TA, AIA, WSE, ASE	Sucrose	1500
338.	<i>Saccharum spontaneum</i>	Kasa/ Kans	Dried root	FM, TA, AIA, WSE, ASE		800
339.	<i>Saccharum bengalense</i>	Sara/ Moonja	Dried root	FM, TA, AIA, WSE, ASE		800
340.	<i>Salvadora persica</i>	Pilu/Jhak/Kharjal	Root bark	FM, TA, AIA, WSE, ASE		800
341.	<i>Salvadora persica</i>	Pilu/Jhak/Kharjal	Fruit	FM, TA, AIA, WSE, ASE		800
342.	<i>Salvadora persica</i>	Pilu/Jhak/Kharjal	Leaf	FM, TA, AIA, WSE, ASE		800
343.	<i>Sapindus laurifolius</i>	Ritha	Dried fruit	FM, TA, AIA, WSE, ASE		800
344.	<i>Sapindus mukorossi</i>	Aritha	Dried fruit	FM, TA, AIA, WSE, ASE		800
345.	<i>Santalum album</i>	Swetchandana / Safed chandan	Dried heartwood	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
346.	<i>Saraca indica</i>	Ashoka	Stem Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
347.	<i>Saussurea lappa</i>	Kustha/ Kooth	Dried Root	FM, TA, AIA, WSE, ASE	Volatile oil	1500
348.	<i>Scindapsus officinalis</i>	Gajpippali	Dried Mature Female Spadix	FM, TA, AIA, WSE, ASE	Fixed Oil	1500

349.	<i>Scirpus kysoor</i>	kaseru	Rhizome	FM, TA, AIA, WSE, ASE	Saponins	1500
350.	<i>Selinum candollei</i>	Mura	Dried root	FM, TA, AIA, WSE, ASE		800
351.	<i>Semecarpus anacardium</i>	Bhilama /Bhallataka	Matured Fruit	FM, TA, AIA, WSE, ASE	Tarry Oil	1500
352.	<i>Sesamum indicum</i>	Til	Dried seed	FM, TA, AIA, WSE, ASE,FO		800
353.	<i>Sesbania bispinosa</i>	Ikkada	Dried root	FM, TA, AIA, WSE, ASE		800
354.	<i>Sesbania bispinosa</i>	Ikkada	Dried Stem	FM, TA, AIA, WSE, ASE		800
355.	<i>Sesbania sesban</i>	Jayanti/ Jaita	Fresh & dried leaves	FM, TA, AIA, WSE, ASE		800
356.	<i>Sida acuta</i>	Kharante	Dried root	FM, TA, AIA, WSE, ASE		800
357.	<i>Sida cordifolia</i>	Bariar/ Khareti/Bala	Roots	FM, TA, AIA, WSE, ASE	Vasicine	1500
358.	<i>Sida rhombifolia</i>	Mahabala/ Pitbala	Dried roots	FM, TA, AIA, WSE, ASE	Alkaloids	1500
359.	<i>Silybum marianum</i>	Milk thistle	Dried/ripe fruit	FM, TA, AIA, WSE, ASE		800
360.	<i>Sisymbrium irio</i>	Khub kalaan, Khaaksee	Seed	FM, TA, AIA, WSE, ASE, FO		800
361.	<i>Smilax china</i>	Chopcheenee	Tuberous root	FM, TA, AIA, WSE, ASE		800
362.	<i>Solanum indicum</i>	Brahti	Dried Roots	FM, TA, AIA, WSE, ASE	Alkaloids	1500
363.	<i>Solanum nigrum</i>	Kakamaci/ Makoya	Dried whole plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
364.	<i>Solanum xanthocarpum</i>	Kateli/	Mature whole dried plant	FM, TA, AIA, WSE, ASE	Alkaloids	1500
365.	<i>Sphaeranthus indicus</i>	Munditika/ Mundi	Whole plant	FM, TA, AIA, WSE, ASE	Essential Oil	1500
366.	<i>Spilanthes acmella</i>	Akarkara	Dried flower head	FM, TA, AIA, WSE, ASE		800
367.	<i>Spondias pinnata</i>	Amra/ Ambada	Dried stem	FM, TA, AIA, WSE, ASE	Tannins	1500
368.	<i>Stereospermum chelonoides</i>	Paadhhal	Dried stem bark	FM, TA, AIA, WSE, ASE		800
369.	<i>Stereospermum suaveolens</i>	Patala/ padal	Dried root	FM, TA, AIA, WSE, ASE		800
370.	<i>Streblus asper</i>	Sakhotaka/Sih ar	Stem bark	FM, TA, AIA, WSE, ASE	Saponins	1500

371.	<i>Strychnos nux-vomica</i>	Kuchala	Dried seed	FM, TA, AIA, WSE, ASE		800
372.	<i>Strychnos potatorum</i>	Nirmali	Dried seed	FM, TA, AIA, WSE, ASE		800
373.	<i>Swertia chirata</i>	kiratatikta	Whole plant	FM, TA, AIA, WSE, ASE		800
374.	<i>Symplocos racemsa</i>	Lodhra	Dried stem bark	FM, TA, AIA, WSE, ASE	Alkaloids	1500
375.	<i>Syzygium aromaticum</i>	Laung	Flower buds	FM, TA, AIA, WSE, ASE	Volatile oil, (Eugenol –By GC)	1700**
376.	<i>Tamarindus indica</i>	Imli	Fruit pulp	FM, TA, AIA, WSE, ASE		800
377.	<i>Taxus baccata</i>	Sthauneya/ thuner	Dried leaf	FM, TA, AIA, WSE, ASE	Alkaloids	1500
378.	<i>Tecomella undulate</i>	Roheda	Dried stem bark	FM, TA, AIA, WSE, ASE		800
379.	<i>Tectona grandis</i>	Saka/ sagwan	Dried heartwood	FM, TA, AIA, WSE, ASE	Volatile/ Fixed Oils	1500
380.	<i>Tephrosia purpurea</i>	Sarponkha	Dried whole plant	FM, TA, AIA, WSE, ASE		800
381.	<i>Teramnus labialis</i>	Masaparni/ Mashvan	Dried whole plant	FM, TA, AIA, WSE, ASE		800
382.	<i>Terminalia arjuna</i>	Arjuna/ Kahu	Bark	FM, TA, AIA, WSE, ASE	Tannins	1500
383.	<i>Terminalia bellerica</i>	Bahera	Dried pericarp of mature fruit	FM, TA, AIA, WSE, ASE	Gallic acid	1500
384.	<i>Terminalia chebula</i>	Haritaki/ harad/ Harra	Dried fruits	FM, TA, AIA, WSE, ASE	Gallic acid	1500
385.	<i>Thespesia populnea</i>	Paaraspipal	Dried stem bark	FM, TA, AIA, WSE, ASE		800
386.	<i>Thevetia peruviana</i>	Pilakaner	Dried root bark	FM, TA, AIA, WSE, ASE		800
387.	<i>Tinospora cordifolia</i>	Giloe/ Guduchi/ Amrita	Dried mature stem	FM, TA, AIA, WSE, ASE	Alkaloids	1500
388.	<i>Trachyspermum ammi</i>	Ajwain/ Yavani	Dried Seeds	FM, TA, AIA, WSE, ASE	Essential Oil/(Thymol – by GC)	1700**
389.	<i>Tragia involucrate</i>	Vrishi-kali	Whole plant	FM, TA, AIA, WSE, ASE		800
390.	<i>Trapa natans</i>	Singhara	Dried seed	FM, TA, AIA, WSE, ASE		800

391.	<i>Trianthema portulacastrum</i>	Lal-sabuni	Dried whole plant	FM, TA, AIA, WSE, ASE		800
392.	<i>Tribulus terrestris</i>	Gokshura/ Gokhru	Dried ripe fruit	FM, TA, AIA, WSE, ASE	Alkaloids	1500
393.	<i>Trichosanthes bracteata</i>	Kakatondi	Dried root	FM, TA, AIA, WSE, ASE		800
394.	<i>Trichosanthes tricuspidata</i>	Kakatondi	Dried fruit	FM, TA, AIA, WSE, ASE		800
395.	<i>Trigonella foenum-graecum</i>	Methi	Seeds	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
396.	<i>Tylophora indica</i>	Antamuli	Dried leaf	FM, TA, AIA, WSE, ASE	Alkaloids	1500
397.	<i>Typha australis</i>	Pater, Gondpater	Dried rhizome	FM, TA, AIA, WSE, ASE		800
398.	<i>Typha elephantia</i>	Pateraa/Eraka a	Dried root	FM, TA, AIA, WSE, ASE		800
399.	<i>Uraria picta</i>	Prashnaparni	Dried whole plant	FM, TA, AIA, WSE, ASE		800
400.	<i>Valeriana wallichii</i>	Tagar	Dried Rhizome	FM, TA, AIA, WSE, ASE	Essential Oil	1500
401.	<i>Vallisneria spiralis</i>	Dudhibel	Dried root	FM, TA, AIA, WSE, ASE		800
402.	<i>Vateria indica</i>	Safed damar, Sandras	Resinous exudate	FM, TA, AIA, WSE, ASE		800
403.	<i>Vernonia cinerea</i>	Sahadevi	Dried whole plant	FM, TA, AIA, WSE, ASE	Saponins	1500
404.	<i>Vetiveria zizanioides</i>	Khus	Roots	FM, TA, AIA, WSE, ASE	Essential Oil	1500
405.	<i>Vigna trilobata</i>	Jungli mung	Dried whole plant	FM, TA, AIA, WSE, ASE		800
406.	<i>Vigna unguiculata syn Dolichus biflorus</i>	kulattha	Seeds	FM, TA, AIA, WSE, ASE	Fixed Oil	1500
407.	<i>Vitex negundo</i>	Nirgundi	Dried fruit	FM, TA, AIA, WSE, ASE		800
408.	<i>Vitex negundo</i>	Nirgundi	Dried leaf	FM, TA, AIA, WSE, ASE		800

409.	<i>Vitex negundo</i>	Nirgundi	Dried root	FM, TA, AIA, WSE, ASE		800
410.	<i>Vitis vinifera</i>	Draksa/ Munukka	Dried fruit	FM, TA, AIA, WSE, ASE		800
411.	<i>Wedelia chinensis</i>	Bhringaraj - Pila	Dried leaf , stem	FM, TA, AIA, WSE, ASE		800
412.	<i>Withania somnifera</i>	Ashwagandha	Dried root	FM, TA, AIA, WSE, ASE	Withaferin-A, Withanolide-A	1500
413.	<i>Woodfordia fruticosa</i>	Dhataki/ Dhai	Flowers	FM, TA, AIA, WSE, ASE	Tannins	1500
414.	<i>Wrightia tinctoria</i>	Indrajau	Dried stem bark	FM, TA, AIA, WSE, ASE		800
415.	<i>Xeromphis spinosa</i>	Manphul Madana	Dried Fruit	FM, TA, AIA, WSE, ASE	Essential Oil	1500
416.	<i>Zanthoxylum armatum</i>	Timur	Dried fruit	FM, TA, AIA, WSE, ASE		800
417.	<i>Zanthoxylum armatum</i>	Timur	Stem bark	FM, TA, AIA, WSE, ASE		800
418.	<i>Zanthoxylum aromaticum</i>	Tejovati/ Tejbal	Dried stem bark	FM, TA, AIA, WSE, ASE	Volatile Oil	1500
419.	<i>Zingiber officinale</i>	saunth	Dried Rhizome	FM, TA, AIA, WSE, ASE	Volatile oil	1500
420.	<i>Ziziphus mauritiana</i>	Kola/ Desi ber	Dried fruit pulp/stem bark	FM, TA, AIA, WSE, ASE	Tannins	1500
421.	<i>Ziziphus mauritiana</i>	Ghoti, Kaatha ber	Dried fruit	FM, TA, AIA, WSE, ASE		800
422.	<i>Ziziphus xyloprus</i>	Ghuntha/Kakor a	Dried fruit	FM, TA, AIA, WSE, ASE		800

Abbreviation: FM-Foreign Matter, TA-Total Ash, AIA-Acid insoluble ash, WSE-Water soluble extractives, ASE-Alcohol Soluble extractives, VO-Volatile oil, LoD-Loss on Drying, FO-Fixed oil, TC-Tanin Content, EO-Essential oil, TA.-Total Alkaloid, St.-Starch

*Including charges for percentage moisture determination, macroscopic as well as microscopic examination for identification.

** Samples will undergo GC analysis.

S.No.	Analysis	Charges	
		Fresh	Dried
1	HPLC	750	700
2	GC	950	900
3	Physico-chemical parameters	800	-

	<ol style="list-style-type: none"> 1) Moisture percentage 2) Ash percentage 3) Acid insoluble ash 4) Water soluble extractives 5) Alcohol soluble extractives 		
4	Microbial parameters <ol style="list-style-type: none"> 1) <i>E. coli</i> 2) <i>Salmonella spp.</i> 3) <i>Staphylococcus spp.</i> 4) <i>Pseudomonas spp.</i> 5) <i>Fungi & moulds</i> 	1450	1400
5	Honey <ol style="list-style-type: none"> 1) Colour 2) Odour 3) Acidity 4) Specific Gravity at 27⁰ C 5) Moisture 6) Total Reducing Sugars, percent by mass 7) Sucrose, percent by mass 8) Fructose-Glucose ratio 9) Ash, percent by mass 10) Fieh's test 11) Aniline Chloride Test 12) Hydroxymethyl furfural (HMF) mg/kg 13) Total count of pollens and plant elements/gm. of honey 14) Optical density, at 660 nm, percent 	450	-

Honey Parameters

	Test	Total Charges
1	Colour	450/-
2	Odour	
3	Acidity	
4	Specific Gravity at 27 ⁰ C	
5	Moisture %	
6	Total Reducing Sugars, percent by mass	
7	Sucrose, Percent by mass	
8	Fructose –Glucose ratio	
9	Ash, Percent by mass	
10	Fieh’s test	
11	Aniline Chloride Test	
12	Hydroxymethyl furfural (HMF) mg/kg	
13	Total count of pollens and plant elements/g of honey	
14	Optical density, at 660 nm, percent	

Grading of Commodities

		Norms of BIS	Norms of AGMARK	Testing Charges
	Coriander (Whole)	Extraneous matter, Split seeds, Blackened and insect bored seeds, Shrivelled and immature seeds, Moisture percentage	Extraneous matter, Split seeds, Blackened and insect bored seeds, Shrivelled and immature seeds, Moisture percentage	800
	Coriander (Powder)	Total Ash, Acid insoluble Ash, Moisture percent	Total Ash, Acid insoluble Ash, Moisture percent	800
	Fenugreek (Whole)	Extraneous matter, Damaged, discoloured and weeviled seeds, Shrivelled and immature seeds, Hot water extract, Other edible seeds.	Extraneous matter, Split seeds, Blackened and insect bored seeds, Shrivelled and immature seeds, Moisture percentage	800
	Fenugreek (Powder)	Total Ash, Acid insoluble Ash, Moisture percent, Cold Water soluble extract	Total Ash, Acid insoluble Ash, Moisture percent, Water soluble extract	800
	Fennel (Whole)	Extraneous matter, Shrivelled and immature seeds, Moisture percentage, Volatile oil, Damaged, discoloured and weeviled seeds, other edible seeds	Extraneous matter, Split seeds, Blackened and insect bored seeds, Shrivelled and immature seeds, Moisture percentage	800
	Fennel (Powder)		Moisture percentage, Total ash, Acid insoluble ash, Volatile Oil	800

	Celery seeds		Extraneous matter, Moisture percentage	800
	Cumin (Whole)		"Jeeralu"Content, Extraneous matter,Other seeds, Damaged, discoloured and weeviled seeds, Shrivelled and immature seeds	800
	Cumin (Powder)		Moisture percentage, Total ash, Acid insoluble ash	800
	Turmeric fingers		Flexibility, Pieces percentage, Foreign matter, Chura and defective bulbs percentage , Percentage of bulbs	800
	Turmeric Powder (Coarse Ground)		Moisture percentage, Total ash, Acid insoluble ash, Starch percentage, Lead Chromate test	800
	Turmeric Powder		Moisture percentage, Total ash, Acid insoluble ash, Starch percentage, Lead Chromate test	800

Asafoetida	Total Ash, Acid insoluble Ash, Alcoholic soluble extractives, Moisture percent, Starch content	Total Ash, Acid insoluble Ash, Alcoholic soluble extractives, Moisture percent	800
Ajowan	Inorganic foreign matter, Organic foreign matter, Shrivelled Immature damaged discoloured and weevilled seeds percent, Moisture percent	Inorganic foreign matter, Organic foreign matter, Shrivelled Immature damaged discoloured and weevilled seeds percent, Moisture percent	800
Poppy seeds (Papaver Somniferum)		Foreign matter, Admixture of other seeds	800
Chilly (Whole)		Colour, Pods without stalks, Broken Chillies, Loose seeds, Damaged & discoloured pods, Foreign matter, Moisture percent	800
Chilly (Powder)		Total ash, Ash insoluble, Crude fibre, Non-volatile ether extract, Moisture percentage	800

Black Pepper (Whole)		Extraneous matter, Light berries, Moisture content	800
Black Pepper (Powder)		Moisture per cent, Total ash, Acid insoluble, Crude fibre, Non-volatile ether extract on dry basis	800
Aamchur	Moisture percent, Total ash, Acid insoluble Ash, Crude fibre, Acidity as anhydrous citric acid		800
Cloves (Whole)	Extraneous matter, Headless cloves percent, Immature and khoker cloves, Moisture content, Volatile oil content	Organic extraneous matter, Inorganic extraneous matter,, Headless cloves percent, Immature and khoker cloves, Insect damaged cloves, Moisture content, Volatile oil content	800
Cloves (Powder)	Moisture per cent, Total ash, Acid insoluble, Volatile oil	Moisture percent, Total ash, Acid insoluble, Crude fibre, Non-volatile oil, Volatile oil	800

Cardamom (Whole)	Extraneous Matter, Empty and malformed Capsules, Immature & shriveled capsules, Black and split, size, Mass, Colour,	Organic Extraneous Matter, Inorganic extraneous matter, Empty and malformed Capsules, Immature & shriveled capsules, Size, Mass, Moisture, Total Ash, Volatile oil	800
Cardamom (Powder)		Moisture percent, Total ash, Acid insoluble, Crude fibre, Volatile oil	800
Cardamom (Seeds)	Extraneous Matter, Light seed, Mass	Organic Extraneous Matter, Light seed, Mass, Moisture, Total Ash, Volatile oil	800
Ginger (Whole)	Size of rhizomes, Extraneous matter, Very light pieces, Lime as calcium oxide	Size of rhizomes, Organic Extraneous matter, Inorganic extraneous matter, Moisture, Total ash, Calcium (as calcium oxide), Volatile Oil	800
Ginger (Powder)	Moisture percent, Total ash, Acid insoluble, Cold water soluble extract, Volatile oil, Alcohol soluble, Calcium (as Calcium oxide), Lead	Moisture percent, Total ash, Acid insoluble, Alcohol soluble extract, Volatile oil, Water soluble, Calcium (as Calcium oxide)	800
Cinnamom (Bark)	Length, Diameter, Colour, Texture		800

Cinnamom (Leaves)	Extraneous Matter, Moisture content, Volatile oil	Extraneous Matter, Shriviled damaged and Discolored leaves , Cut leaves, Inset bored and diseased leaves, Twigs leaf stalk percent, Moisture content, Volatile oil	800
Garam Masala	Moisture percent, Total Ash, Acid insoluble, Crude fibre, Non-volatile oil, Volatile oil, Salt as Na Cl, Lead and Chromium	Moisture percent, Acid insoluble, Crude fibre, Non- volatile oil, Volatile oil, Salt as Na Cl	800
Pao-bhaji Masala		Moisture percent, Acid insoluble, Crude fibre, Non- volatile oil, Volatile oil, Salt as Na Cl	800
Sambhar Masala		Moisture percent, Acid insoluble, Crude fibre, Non- volatile oil, Volatile oil, Salt as Na Cl	800
Pickel Masala		Moisture percent, Acid insoluble, Crude fibre, Non- volatile oil, Volatile oil, Salt as Na Cl	800

LIST OF ACTIVE INGREDIENTS AVAILABLE

1. Withaferin – A,
2. Withanolide –A
3. Andrographolide
4. Foskolin
5. Emitine
6. Diosgenin
7. Piperine
8. Vasicine
9. Curcumin
10. E- Guggulsterone
11. Z-Guggulsterone
12. Vitexin
13. Plumbagin
14. Negundoside
15. Gallic acid
16. Xanthotoxin
17. Gymnemic acid
18. Reserpine
19. Boswellic acid
20. Bacoside – A
21. Shatawarin
22. Embeline
23. Gallic acid
24. Ascorbic acid
25. Stevioside
26. Aloin
27. Carvone
28. Linalool
29. Geraniol
30. Geranyl acetate
31. Eugenol
32. Citronellal
33. Citronellol
34. Citral-cis
35. Citral- trans
36. Cineole
37. Thymol
38. Cuminaldehyde
39. Menthol
40. Menthyl acetate
41. α -pinene
42. β -pinene
43. β -asarone

