

BOTANICAL POWDER EXTRACTS

| SR. NO. | PRODUCT NAME | ASSAY | ASSAY METHOD | USES |
|---------|---|---|--------------------------------|--|
| 1 | <i>Acacia catechu</i> <i>Acacia catechu</i> (Katha) | 70% Catechin 90% Tannins | HPLC Titration | Powerful Astringent, Skin wellness |
| 2 | <i>Acacia concinna</i> (Shikakai) | 30% - 40% Saponnins | Gravimetry | In Shampoos, Soaps |
| 3 | <i>Achyranthes aspera</i> (Apamarga) | 10% -30% Saponnins | Gravimetry | Diuretic, Lipid reducer, Digestive |
| 4 | <i>Acorus Calamus</i> (Sweet Flag) | 4:1 | H.E.R | Stomachic, Expectorant, Nervine tonic |
| 5 | <i>Adhatoda vasica</i> (Vasaka / Malbar nut) | 1% Vasicine 1% -1.5% Alkaloids | HPLC Gravimetry | Lung wellness, Anti-histaminic |
| 6 | <i>Adiantum capillus</i> (Capillary herb) | 15:1 | H.E.R | Blood purifier, Anti-toxin |
| 7 | <i>Aegle marmelos</i> (Bilva/ Bael) | 5% Tannins | Titration | Anti-dysentric, Anti-diabetic |
| 8 | <i>Aerva lanata</i> (Pola pola) | 3% Polyphenols | UV | Anti-oxidant, Hepatitis, Diuretic |
| 9 | <i>Allium sativum</i> (Garlic) | Alliin > 1.0% | HPLC | Heart wellness, Cholesterol control |
| 10 | <i>Aloe barbadensis</i> (Aloe vera) | 4:1 | H.E.R | Stomachic, Liver wellbeing, emmenagogue |
| 11 | <i>Alpinia galangal</i> (Kulinjan) | 3% Polyphenols 2% Galangin | UV HPLC | Good for Vocal chord, Expectorant, heart wellness |
| 12 | <i>Althaea officinalis</i> (Khatmi) | 6:1 | H.E.R | Good for Sore-throat, Expectorant |
| 13 | <i>Ananas comosus</i> (Bromelain) | 2400 GDU | Enzymatic titration | Meat Tenderizing, Osteoarthritis. Ext- In burn injury |
| 14 | <i>Andrographis paniculata</i> (King of Bitters) | 10% -30% Andrographolide | HPLC | Hepatoprotectant, Febrifuge |
| 15 | <i>Apium graveolens seed</i> (Celery seeds) | 6:1 | H.E.R | Anti-spasmodic, Carminative |
| 16 | <i>Artemisia dracunculus</i> (Tarragon) | 20%-30% Saponins | Gravimetry | Febrifuge, Digestive |
| 17 | <i>Arthrospira platensis</i> (Spirulina) | 60% protein | UV | Nutritive Agent |
| 18 | <i>Asparagus racemosus</i> (Shatavari) | 20%-50% Saponins | Gravimetry | Galactagogue, Tonic, Immuno-Modulator |
| 19 | <i>Asphaltum</i> (Shilajit) | 40% Fulvic Acid | Gravimetry | Detoxificant, Rejuvenating Tonic |
| 20 | <i>Azadirachta indica</i> (Neem) | 2.5%-5% Bitters | Gravimetry | Skin & Blood Cleanser |
| 21 | <i>Bacopa monnieri</i> (Neer brahmi) | 20%-50% Total Bacosides 20%-50% Total Bacosides 40% Saponins | UV USP - HPLC Gravimetry | Memory Stimulant, Improves Cognition |
| 22 | <i>Bambusa arundinacea</i> (Bamboo Resin) | 50% -60% Silica | Gravimetry | Stimulant, Febrifuge, Tonic |
| 23 | <i>Berberis aristata</i> (Daru haldi) | 5% -97% Berberine | HPLC | Emmenagogue, Febrifuge |
| 24 | <i>Boerhavia diffusa</i> (Punarnava) | 20%-40% Saponins 0.1% Alkaloids | Gravimetry | Diuretic, Expectorant |
| 25 | <i>Boswellia serrata</i> (Shallaki) | 65%-90% Boswellic Acid 30%-40% Boswellic Acid 30%-90% AKBA | Titration HPLC HPLC | Anti-Arthritic, Anti-inflammation |
| 26 | <i>Caesalpinia sappan</i> (Sappanwood) | 15% Tannin | Titration | For Blood clotting, Coolant. Ext - wound healer |
| 27 | <i>Camellia sinensis</i> (Green tea) | >90% Total Polyphenols Total catechins >80% Caffeine <5% EGCG >35% | UV HPLC | Anti-oxidant, Stimulant |
| 28 | <i>Caralluma fimbriata</i> (Caralluma) | 10% - 40% Pregnane glycosides | Gravimetry | Appetite Suppressant & Weight Management |
| 29 | <i>Carica papaya</i> (Papaya Leaf) | 20%-40% Glycosides (Saponnin) | Gravimetry | Useful in Dengue / Helps to increase Platelet, Digestive |
| 30 | <i>Cassia alata</i> (Cassia alata) | >0.5% Anthraquinone | UV | Purgative. Ext - For Ringworm |

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| 31 | <i>Cassia angustifolia</i> (Senna leaves) | 20% - 40% Sennosides 20% - 60% Sennosides 60% Sennosides (USP) | HPLC UV (BP) Spectrofluorometer | Laxative |
| 32 | <i>Cassia fistula</i> (Indian Laburnum) | 5%-10% Mucilage | Gravimetry | Laxative, Skin diseases. Ext-Ringworm, Insect bites |
| 33 | <i>Cassia tora</i> (Foetid cassia) | 20%-25% Glycosides | Gravimetry | Skin wellness |
| 34 | <i>Centella asiatica</i> (Gotu kola/ Brahmi) | 10% -15% Triterpens 20% - 40% saponnins 10%-50% Total Asiaticosides | Gravimetry Gravimetry HPLC | Brain Tonic, For Anxiety |
| 35 | <i>Chlorophytum borivillianum</i> (Safed musli) | 20%-40% Saponins | Gravimetry | Tonic, good for Vigour & Vitality |
| 36 | <i>Cinchona ledgeriana</i> (Cinchona) | Quinine Sulphate 99% | HPLC | Anti-malarial |
| 37 | <i>Cinnamomum cassia/ zeylanicum</i> (Cinnamon) | 40% Polyphenols | UV | Anti-inflammatory, Nerve Stimulant |
| 38 | <i>Cissus quadrangularis</i> (Bone setter) | 2.5%-20% 3 Keto-steroids | Gravimetry | Bone & Ligament Wellness |
| 39 | <i>Citrus acida</i> (Lime) | 10%-20% Flavonoids | Gravimetry | For Skin Vitality (Anti-Oxidant) |
| 40 | <i>Coffea robusta</i> (Green coffee) | 45%-50% Chlorogenic Acid <5% Caffeine | HPLC HPLC | Stimulant, Antioxidant, weight management |
| 41 | <i>Coffea robusta</i> (Green coffee) | 98% Caffeine | HPLC | Stimulant, Improves Alertness |
| 42 | <i>Coleus forskohlii</i> (Coleus roots) | 10%-95% Forskolin | HPLC | Anti-Obesity, Hypotensive |
| 43 | <i>Commiphora mukul</i> (Guggul) | 1.5%-2.5% Guggulsterone 2.5%-10% Guggulsterone | HPLC UV | Anti-Cholesteremic, Anti-inflammatory |
| 44 | <i>Convolvulus pluricaulis</i> (Shankhpushpi) | 2.5% Bitters | Gravimetry | Memory Tonic, Anti-Anxiety |
| 45 | <i>Convolvulus scammonia</i> (Scammony resin) | 70% Ether Solubility | Gravimetry | Purgative, Cathartic, Diuretic, Hepatic |
| 46 | <i>Coryanthe yohimbe</i> (Yohimbe bark) | 2%-20% Yohimbine | HPLC | Treatment for Male Impotence |
| 47 | <i>Crataeva nurvula</i> (Varuna bark) | 20%-30% Saponins | Gravimetry | Lithonriptic, Urinary Problems |
| 48 | <i>Cuminum cyminum</i> (Cumin seeds) | 2.5% Bitters | Gravimetry | Carminative, Stomachic, Diuretic. Ext- Eczema, Aromatic |
| 49 | <i>Curcuma longa</i> (Curcumin) | 10% -95% Curcuminoids | HPLC | Anti-septic, Anti-Oxidant, Anti-inflammatory |
| 50 | <i>Dolichos biflorus</i> <i>Macrotyloma uniflorum</i> (Kulthi) | 40% -50% Saponnins | Gravimetry | Anti-hyperglycemic, Anti-oxidant, Uterus stimulant |
| 51 | <i>Dracaena cinnabari</i> (Dragon's blood) | > 95 % Alcohol Solubility | Gravimetry | Astringent, Checks Bleeding |
| 52 | <i>Eclipta alba</i> (Bhringraj) | 1%-2.5% Bitters | Gravimetry | External In Shampoos, In Hair Oil & internally - Liver Wellness |
| 53 | <i>Emblica officinalis</i> (Amla) | 20%-50% Tannins | Titration | Anti-oxidant, Vitamin C Supplement |
| 54 | <i>Eugenia jambolana</i> (Jamun) | 2.5%-5% Bitters 10 % Tannins | Gravimetry | Antioxidants, Blood sugar metabolism, Digestive |
| 55 | <i>Eurycoma longifolia</i> (Longjack, Tongkat Ali) | 20:1 | H.E.R | Aphrodisiac, Sexual Tonic |
| 56 | <i>Garcinia combogia</i> (Garcinia) | 50% -60% HCA 60% HCA Water soluble | HPLC | Weight Management, Astringent, Coolant |
| 57 | <i>Garcinia mangostana</i> (Mangosteen) | > 40% Mangostin | HPLC | Astringent, Anti-oxidant |
| 58 | <i>Ginkgo biloba</i> (Ginkgo leaves) | 24% FLAVONE, 6% GLYCOSIDES | HPLC | Heart/ Sexual /Mental Wellness |
| 59 | <i>Gloriosa superba seeds</i> (Gloriosa) | 99% COLCHICINE 98%-99% Thiocolchicoside | HPLC | Anti-gout, Chologogue Muscle Relaxant |
| 60 | <i>Glycyrrhiza glabra</i> (Licorice) | 10%-20% Glycyrrhizin 20%-50% Glycyrrhizin | HPLC | Expectorant, Demulcent, Antioxidant. |
| | DGL (De-glycyrrhizinated licorice) | < 3% Glycyrrhizin | Gravimetry | DGL - Acid Reflux, Gastritis |
| 61 | <i>Gymnema sylvestre</i> (Gudmar) | 25% -75% Gymnemic Acids | Gravimetry | Anti-diabetic, Mild diuretic |

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|---------|--|--|-------------------|--|
| 62 | <i>Hedera helix</i> (Ivy leaves) | 10% Hederacoside C | HPLC | Joint Pains, Bronchitis, Anti-oxidant |
| 63 | <i>Hemidesmus indicus</i> (Indian Sarsaparilla) | 30% Saponnins | Gravimetry | Demulcent, Coolant, blood purifier |
| 64 | <i>Hibiscus sabdariffa</i> (Hibiscus) | 2.0% Tannins | Titration | Coolant. External - Hair tonic |
| 65 | <i>Hypericum perforatum</i> (St. John wort) | 0.3% Hypericin | UV | Antidepressant, anti-inflammatory, and a healing agent. |
| 66 | <i>Lagerstroemia speciosa</i> (Banaba leaves) | 10%-15% Tannins 2% -3% Corosolic Acid | Titration HPLC | Anti-diabetic |
| 67 | <i>Lawsonia inermis</i> (Heena) | 5% Tannins | Titration | Internal - Astringent. External - coolant |
| 68 | <i>Momordica charantia</i> (Karela) (Bitter melon) | 2.5%-5% Bitters | Gravimetry | Antidiabetic, Blood purifier, Liver wellness |
| 69 | <i>Morinda pubescens</i> (Noni) | 10% -40% Saponnins | Gravimetry | Stimulant, Detoxifier, Nutritional |
| 70 | <i>Moringa oleifera</i> (Moringa leaves) | 1.5% Alkaloids 10% - 40% Saponnin | Gravimetry | Nutritional, Anti-inflammation, Joint Pain |
| 71 | <i>Mucuna pruriens</i> (Cowhage) | 20% -60% L-Dopa | HPLC | Tonic, Dopaminergic, For Parkinson |
| 72 | <i>Murraya koenigii</i> (Curry Leaves) | 2%-5% Bitters | Gravimetry | Febrifuge, Stomachic |
| 73 | <i>Nigella sativa</i> (Kalonji) | 2.5% -10% Bitters | Gravimetry | Anti-helmenthic, Stomachic, Carminative |
| 74 | <i>Ocimum sanctum</i> (Holy basil/ Tulsi) | 1%-4% Triterpenes(Ursolic acid + Oleanolic acid) 5%-10% Tannins | HPLC Titration | Anti-Viral, Blood Purifier, Immuno-stimulant |
| 75 | <i>Origanum vulgare</i> (Oregano) | 5% Polyphenols | UV | Aromatic, Stimulant, Flavouring agent |
| 76 | <i>Panax ginseng</i> (Ginseng) | 10% -80% Ginsenoside | UV | Anti-oxidant, Natural Sterols Supplier |
| 77 | <i>Passiflora incarnata</i> (Passion flower) | 5%-15% Flavonoids | Gravimetry | For Stress, Anxiety, Sleep wellness |
| 78 | <i>Petroselinum crispum</i> (Parsley) | 30% Flavonoids | Gravimetry | Aromatic, Diuretic, Uterine stimulant |
| 79 | <i>Phaseolus vulgaris</i> (White kidney bean) | > 20% Proteins | UV | Tonic, Weight loss Supplement |
| 80 | <i>Phyllanthus niruri</i> (Bhui amla) | 10% Tannin 20% Tannin | UV Titration | Anti-Hepatotoxic |
| 81 | <i>Picrorrhiza kurroa</i> (Kutki) | 5%-10% Bitters | Gravimetry | Laxative, Bitter tonic, Liver wellness, Emmenagogue |
| 82 | <i>Piper longum</i> (Indian long pepper) | 2% -3% Piperine Piperlongumine 1% | HPLC | Respiratory wellness, Thermogenic, Carminative |
| 83 | <i>Piper nigrum</i> (Black pepper) | 5%-95% Piperine | HPLC | Antioxidant, Carminative, Antiseptic, Stimulates digestion |
| 84 | <i>Plumbago rosea</i> (Rose coloured Lead wort) | 0.5% Alkaloids | Gravimetry | Appetiser, CNS Stimulant, Abortifacients |
| 85 | <i>Psidium guajava</i> (Guava leaves) | 20% Polyphenols | UV | Heals Ulcer, Anti-oxidant |
| 86 | <i>Pterocarpus marsupium</i> (Indian kino, Vijaysar) | 5% -20% Flavonoids | Gravimetry | Anti-diabetic, Blood purifier, Coolant |
| 87 | <i>Pueraria tuberosa</i> (Kudzu Indian) | 2% -3% Flavonoids | Gravimetry | General/ Sexual Tonic, refrigerant |
| 88 | <i>Punica granatum seed</i> (Pomegranate seed) | 2%-2.5% Tannins | Titration | Antioxidant, Intestinal wellness |
| 89 | <i>Punica grantum fruit</i> (Pomegranate fruit) | 2% Tannins | Titration | Anti-oxidant, Nutritional, Probiotic |
| 90 | <i>Punica grantum rinds</i> (Pomegranate rind) | 10%-20% Tannins | Titration | Antioxidant, Stomachic, Astringent |
| 91 | <i>Quercus infectoria</i> (Tannic acid) | 70% Tannins 90% Tannins | Titration | Astringent, Reduces Gonorrhoea |
| 92 | <i>Raphanus sativus</i> (Raddish) | 0.5%-0.8% Alkaloids | Gravimetry | Urinary Problem, Gastric Discomfort, Laxative |
| 93 | <i>Rauvolfia vomitoria</i> (Rauvolfia) | 98% Reserpine | HPLC | Controls Blood Pressure |
| 94 | <i>Rheum emodi</i> (Indian rhubarb) | > 5.0% Anthraquinones | UV | Blood purifier, Purgative |

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|---------|---|---|-------------------------|---|
| 95 | <i>Rosa canina</i> (Rosehip) | 10% Polyphenols | UV | Anti-oxidant, Useful in Arthritis |
| 96 | <i>Rosmarinus officinalis</i> (Rosemary) | >20% Carnosic Acid | HPLC HPLC | Anti-oxidant, Oral cavity wellness |
| 97 | <i>Rubia cordifolia</i> (Manjistha) | 5% Polyphenols 5%-20% Flavanoids | UV Gravimetry | Skin wellness, Wound Healing |
| 98 | <i>Salacia reticulata / oblonga</i> (Salacia) | 20%-30% Saponnins 0.2% Mangiferin | Gravimetry HPLC | Antidiabetic, useful in skin diseases |
| 99 | <i>Sapindus mukorossi</i> (Areetha, soap-nut) | 40% Saponnins | Gravimetry | Natural Detergent |
| 100 | <i>Saraca indica</i> (Ashoka) | 5% Tannins | Titration | Women health, Uterine wellness |
| 101 | <i>Smilax glabra</i> (Chopchini) | 10%-20% Saponins | Gravimetry | Anti-syphilitic, Blood cleansing |
| 102 | <i>Solanum xanthocarpum</i> (Kantkari) | 1%-2.5% Alkaloids | Gravimetry | Lung wellness, Expectorant |
| 103 | <i>Spilanthes oleracea</i> (Para cress) | 10%-60% Spilanthol | HPLC | Sialogogue, Useful in Toothache |
| 104 | <i>Stevia rebaudiana</i> (Stevia) | 20% -40% Saponins 90-95% Steviosides | Gravimetry HPLC | Natural Sweetner |
| 105 | <i>Tamarindus indica</i> (Tamarind) | 10% Tartaric Acid | Titration | Flavoring agent, Digestive, Tonic |
| 106 | <i>Tecomella undulata</i> (Rohitak) | 20% Polyphenols | UV | Liver & Spleen tonic, Blood purifier |
| 107 | <i>Terminalia arjuna</i> (Arjuna Bark) | 20%-40% Tannins | Titration | Cardiovascular support |
| 108 | <i>Terminalia belerica</i> (Beleric Myrobalan) | 20%-50% Tannins | Titration | Detoxifier, Anti-oxidant |
| 109 | <i>Terminalia chebula</i> (Chebulic Myrobalan) | 20%-50% Tannins | Titration | Detoxifier, Laxative, Anti-oxidant |
| 110 | <i>Theobroma cacao</i> (Theobroma) | 7% Theobromine | HPLC | Stimulant, Flavouring agent |
| 111 | <i>Thymus vulgaris</i> (Thyme) | Phenol as 0.03% thymol | HPLC | Antiseptic, Useful in Bronchitis |
| 112 | <i>Tinospora cordifolia</i> (Guduchi) | 2.5%-5% Bitters | Gravimetry | Febrifuge, Immuno-modulator |
| 113 | <i>Tribullus terrestris</i> (Gokhru) | 20%-40% Saponins | Gravimetry | Sexual / Kidney wellness |
| 114 | <i>Trichosanthes dioica</i> (Pointed Gourd) | 5% Tannins 25% Saponins | Titration Gravimetry | Anti-helminthic, Digestive, Febrifuge |
| 115 | <i>Trigonella foenum graecum</i> (Fenugreek) | 20% -50% Saponins | Gravimetry | Blood Sugar control, Useful in Cholesterol & Lipid Management |
| 116 | <i>Trikatu</i> (Ginger, Piper longum, Piper nigrum - 1:1:1) | Piperine positive | HPLC | Lung wellness, Increases Bio-Availability of Drug |
| 117 | <i>Triphala</i> (<i>Terminalia chebula</i> , <i>Terminalia belerica</i> , <i>Emblica officinale</i> - 1:2:4) | 40% Tannins | Titration | Laxative, Detoxificant, rejuvenating tonic |
| 118 | <i>Valeriana wallichii</i> (Indian valerian) | > 8.0% Valepotriates | UV | Sedative, Relaxant |
| 119 | <i>Vitex negundo</i> (Nirgundi) | 0.5% Alkaloids | Gravimetry | Analgesic, Febrifuge, Diuretic, Anti-inflammation |
| 120 | <i>Withania somnifera</i> (Ashwagandha) | 2.5%-5% Withanoloides | Gravimetry HPLC | Sedative, Reduces Stress, Rejuvenative, Nutritional |
| 121 | <i>Zingiber officinale</i> (Ginger) | 5%-20% Total Gingerols | UV | Carminative, Anti-arthritis, Expectorant |

OLEORESIN

| SR. NO. | BOTANICAL NAME | COMMON NAME | ASSAY | USES |
|---------|---|--------------|------------------------|---|
| 1 | <i>Piper nigrum oleoresin</i> | Black pepper | 20%-40% Piperine | Indigestion, Constipation, Insomnia, Joint pain, Preservative |
| 2 | <i>Capsicum annum oleoresin</i> | Capsicum | 6% - 40% Capsaicin | Carminative, Antibacterial, External- Analgesic |
| 3 | <i>Curcuma longa oleoresin</i> | Turmeric | 10% -40% Curcumin | Skin care, Food Flacoring, Fragrances |
| 4 | <i>Zingiber officinale oleoresin</i> | Ginger | 20%-40% VOC | Flavoring, Carminative, Stomachic & Stimulant |
| 5 | <i>Elettaria cardamomum oleoresin</i> | Cardamom | 20% - 60% VOC | Fever, Digestive, Colant, Diuretic, Falvouring |
| 6 | <i>Myristica fragrans oleoresin</i> | Nutmeg | 10% -60% VOC | Rheumatism, Nausea, Dysentery, Flavoring. |
| 7 | <i>Rosmarinus officinalis oleoresin</i> | Rosemary | 10% -20% Carnosic acid | Nerve Stimulant, Depression, Anti- Oxidant. |



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