

## Standardized Full Spectrum Extracts for Medicinal / Nutraceutical Use:

Botanical Name Part/Used	Common name	Form	Use/Activity	Chemical Marker(s)
Abies webbiana leaf	Talispatra	Powder/Paste	Carminative, Expectorant	Alkaloids >0.5%
Abroma augusta root	Ulatkambal	Powder/Paste	Uterine tonic	Alkaloids 0.15% Tannins 2.4%-4%
Abrus precatorius seed	Gunja	Powder	Abortifacient	Glycosides 15% Alkaloids 1%
Abutilon indicum seed	Kankati	Powder	Aphrodisiac	Mucilage 10%
Acacia arabica bark	Babul	Powder	Astringent	Tannins 40%
Acacia catechu Bark	Catechu	Powder	Astringent	Tannins 50% Catechins 20%
Acacia concinna pod	Shikakai	Powder/Paste	Detergent	Saponins 10%-20%
Achyranthes aspera plant	Apamarga	Powder/Paste	Alterative, Diuretic	Saponins 3%
Aconitum heterophyllum plant	Atis	Powder/Paste	Antiperiodic Aphrodisiac	Alkaloids 1%-1.5%
Aconitum spp. root	Bachnag	Powder/Paste	Antipyretic	Alkaloids 2%
Acorus calamus shizome	Bach	Powder/Paste	Antispasmodic	Glycosides 10%
Adhatoda vasica leaf	Adulsa	Powder/Paste	Expectorant	Alkaloids 0.5% - 1.0%
Aegle marmelos leaf	Bael	Powder	Anti-diabetic	Tannins 10%
Aegle marmelos unripe fruit	Bael	Powder/Paste	Haemostatic Anti-dysentery	Tannins 5% Mucilage 10%-15%
Albizzia lebeck bark	Siris	Powder/Paste	Anti-inflammatory	Tannins 15%
Allium sativum bulb	Garlic	Powder/Paste	Antilipemic Anticholesteremic Antirheumatic	Allin 0.5%-2.5% by HPLC
Aloe vera leaf	Ghrita kumari	Powder/Paste	Purgative	Aloin 1.5% (3:1)
Aloe Vera 200X		Gel/ Gum	Anticancer	Polysaccharides 50% (200:1)
Alpinia galanga rhizome	Khulanjan	Powder/Paste	In bronchial catarrhal	Shagaol >4% by HPLC
Alstonia scholaris bark	Saptaparna	Powder	Alterative, Stimulant	Alkaloids 0.3%
Anacyclus pyrethrum flower	Akarkara	Powder/Paste	Stimulant, Sialogogue	Alkaloids 0.5%
Andrographis paniculata plant	Kalmegh	Powder/Paste	Hepatoprotectant, Anti viral	Andrographolides > 10%
Anethum sowa seed	Suwa	Powder/Paste	Carminative	Vol.oil 3%
Aphanamixis rohituka bark	Rohitika	Powder	Astringent	Tannins 10%
Apium graveolens seed	Ajmod	Powder/Paste	Carminative	Vol. Oil 5%
Argyreia speciosa root	Samudra palak	Powder	Alterative, Tonic	Resin 4.5%
Asparagus adscendens root	Safed musli	Powder	Tonic, Galactogogue	Saponins > 20%
Asparagus racemosus root	Shatavari	Powder/Paste	Galactogogue, Aphrodisiac	Saponins > 15%
Asphaltum	Shilajit	Powder	Detoxificant	Fulvic Acid 3% Benzopyrones +ve
Asteracantha longifolia herb	Kuliakhara	Powder/Paste	Antirheumatic	Alkaloids 0.35%
Atropa belladonna leaf	Angurshefa	Powder/Paste	Antispasmodic, Sedative	Alkaloids 0.95%-1.6%

Atropa belladonna root	Angurshafa	Powder/Paste	Antispasmodic, Sedative	Alkaloids 3%
Azadirachta indica bark	Neem	Powder	Astringent	Bitters 1%
Bacopa monnieri herb	Nir brahmi	Powder/Paste	Memory stimulant	Bacosides 15%-50%
				Alkaloids 0.5%
Barleria prionitis herb	Vajradanti	Powder	In Glandular swelling, Toothache	Tannins 5%
				Alkaloids 0.5%
Bauhinia variegata bark	Kachnar	Powder	Alterative, Tonic	Tannins 25%
Berberis aristata root	Daru haridra	Powder/Paste	Emmenagogue, Cholagogue	Berberine > 8%
Bergenia ligulata root	Pashanbheda	Powder/Paste	In urinary calculi	Tannins 10%
Boerhaavia diffusa root	Punarnava	Powder/Paste	Diuretic	Alkaloids 0.01%-0.08%
Butea frondosa flower	Palas	Powder/Paste	Astringent	Glycosides > 8%
Caesalpinia bonducella nut	Fevernut	Powder/Paste	Antipyretic	Bonducin 2.5%
Calotropis gigantea root	Ak	Powder/Paste	Emetic, Antiperiodic	Alkaloids 0.3%
Camelia sinensis leaf	Green Tea	Powder/Paste	Anti oxidant	Egcg 15%&Polyphenol >55%
Capparis spinosa root	Kabra	Powder	Analgesic, Antirheumatic	Glycosides 15%
Capsicum spp. fruit	Lalmirch	Powder/Paste	Antirheumatic	Capsaicin >3%
Cassia augustifolia leaf	Senna	Powder	Laxative	Senosides 10%
Cassia augustifolia pod	Senna	Paste	Laxative	Senosides 10%
Cassia fistula fruit	Amaltas	Powder/Paste	Laxative	Oxymethyl- anthraquinones >1%
Cassia occidentalis fruit	Kasondi	Powder/Paste	Purgative	Oxymethyl- anthra quinones 1.2%
Cedrus deodara wood	Deodar	Powder/Paste	Antirheumatic	Vol.oil 1%
Celastrus paniculatus seed	Malkangni	Powder/Paste	Antirheumatic	Alkaloids 0.1%
Centella asiatica herb	Mandukaparni	Powder/Paste	Leprostatic, Memory tonic	Saponins 15%
				Asiatic acid 2%
Cephaelis ipecacuanha root	Ipecac	Powder/Paste	Emetic	Alkaloids 1%
Cephalandra indica leaf	Bimba	Powder	Antidiabetic	Resin 2.5%
Cicer arietinum seed	Chana	Powder	Nutritive	Protein 15%
Cichorium intybus seed	Kasni	Powder/Paste	In enlarged spleen	Bitters >1%
Cinchona ledgeriana bark	Cinchona	Powder/Paste	Antimalarial	Alkaloids 4%
Cissus quadrangularis stem	Hadjora	Powder	Bone healing	Ketosterons > 5%
Citrullus colocynthis fruit	Indrayan	Powder	Purgative	Bitters 4.5%
Citrullus colocynthis root	Indrayan	Powder	Purgative Antirheumatic	Bitters 5%
Citrus aurantium peel	Common orange	Powder/Paste	Anti-oxidant	Flavons >4%
				Vol.oil 1%
Citrus medica peel	Bijaura/Citron	Powder	Anti-scurvy	Acidity as Citric acid 2%, Flavons 5%
Colchicum luteum corms	Suranjane	Powder	For gout	Alkaloids >0.5%
Coleus forskohlii root	Coleus	Powder	cAMP stimulator, Hypotensive	Forskolin >2.5%, 10%-40% by HPLC
Commiphora mukul gum	Guggul	Powder/Paste	Antiarthritic, Antilipemic, Anticholesteremic	Guggul Sterones 2.50%
Commiphora myrrha gum	Myrrh	Powder	Mouth wash Astringent	Vol.oil 5%
Coriandrum sativum seed	Dhania	Powder/Paste	Carminative	Vol.oil 1%
Crataeva nurvala bark	Varuna	Powder	Lithotriptic	Saponin >2.5%

Cucumis sativus seed	Khira	Powder	Diuretic	Mucilage 24%
Cuminum cyminum fruit	Zeera	Powder/Paste	Carminative, Stimulant	Vol.oil 1%
Curcuma amada rhizome	Amba haldi	Powder/Paste	Carminative, Stomachic	Vol.oil 10%
Curcuma longa rhizome	Turmeric	Powder/Paste	Anti-inflammatory	Curcumin >10%
Curculigo orchiooides root	Kali musli	Powder	Tonic	Saponin 20% Mucilage 30%
Cynodon dactylon herb	Dhub	Powder	Astringent	Tanins 5% Alkaloides + ve
Cyperus scariosus root	Nagarmotha	Powder/Paste	Intestinal disorders	Alkaloides 0.15%-0.5%
DGL	Liquorice	Powder	Anti-ulcer, Antacid	Flavones 1% Glycyrrhizin <3%
Dashmool	Combination	Powder/Paste	Antirheumatic	Tannins 2%
Datura stramonium leaf	Dhattura	Powder/Paste	Antispasmodic	Alkaloides 0.5%-0.7%
Daucus carota seed	Carrot	Powder/Paste	Abortifacient	Carotene 1.0%
Dolichos biflorus seed	Kulthi	Powder	Diuretic	Saponins 20%
Eclipta alba plant	Bhringaraj	Powder/Paste	Anti-hepatotoxic	Nor-wedelolactone >3%
Embelica ribes seed	Vidanga	Powder/Paste	Anthelmintic	Tannins 1% Embelin 1%
Embelica officinalis fruit	Amla	Powder/Paste	Anti-oxidant, Tonic	Tannins >20% Ellagic acid >5%
Enicostemma littorale herb	Mamijava	Powder/Paste	Bitter tonic, Laxative	Bitters 4%
Ephedra vulgaris herb	Somlata	Powder/Paste	Stimulant	Alkaloids 0.2%-0.5%
Eugenia jambulana seed	Jamun	Powder	Anti-diabetic	Saponins 4% Alkaloids 0.4%
Euphorbia hirta herb	Dudhi	Powder/Paste	Antispasmodic	Flavons >6%
Evolvulus alsinoides plant	Sankhapushpi	Powder/Paste	Memory tonic	Bitters >2.5%
Ferula foetida resin	Hing	Powder	Carminative, Stimulant	Vol.oil 1.5%
Ficus racemosa leaf	Gular	Powder	Astringent	Tannins 5%
Ficus racemosa bark	Gular	Powder	Astringent	Tannins 10%
Foeniculum vulgare fruit	Saunf	Powder/Paste	Carminative	Vol.oil >1%
Fumaria officinalis herb	Pit papara	Powder/Paste	Diuretic, Anthelmintic	Bitters >1%
Garcinia cambogia rind	Vilayti imli	Powder/liquid	Antiobesity	HCA 50% by HPLC
Glycyrrhiza glabra root	Jati Madh	Powder/Paste	Expectorant, Diuretic	Glycyrrhizin by Garratt method >15%/24%
Gossypium herbaceum root	Kapas/Cotton	Powder	Emmenagogue, Galactogogue	Alkaloids 0.4% Flavones 1.5%
Gymnema sylvestre leaf	Gudmar	Powder	Antidiabetic, Diuretic	Gymnemic acids 25%- 75%
Hemidesmus indicus root	Anantmul	Powder/Paste	Diaphoretic, Demulcent	Saponins 7.5%
Holarrhena antidysenterica seed	Indrajav	Powder	Antidysenteric, Febrifuge	Alkaloids 3%
Holarrhena antidysenterica bark	Kurchi	Powder/Paste	Antidysenteric, Anthelmintic	Alkaloids >4%

Hydrastis Indian root	Golden seal	Powder/Paste	Emmenagogue	Hydrastin 1%
Hyoscyamus niger herb	Khorasani	Powder/Paste	Antispasmodic,	Alkaloids 0.28%-0.3%
	ajowan		Sedative	
Hypericum perforatum herb	St. John's Wort	Powder	Anti-depressant	Hypericin 0.3%
Indigofera tinctoria plant	Neel	Powder	Antiseptic,	Saponins 10%
			Astringent	
Inula racemosa root	Pushkarmool	Powder/Paste	Antirheumatic, In	Alantolactone
			chronic bronchitis	2.5% by HPLC
Juglans regia bark	Akhrot	Powder	Astringent,	Tannins 12%
			Antiseptic,	
Lawsonia alba leaf	Henna	Powder/Paste	Astringent,	Tannins >5%
			Anti-inflammatory	
Leptadenia reticulata herb	Jivanti	Powder/Paste	Spermartogenic,	Alkaloids 0.5%
			Galactagogue	
Lobelia nicotiaefolia leaf	Lobelia	Powder/Paste	Antispasmodic	Alkaloids 0.5%
Mangifera indica bark	Mango/Amra	Powder	Astringent	Tannins 20%
Matricaria chamomilla flower	Chamomile	Paste	Antiseptic	Vol.oil 1%
Mentha spicata herb	Pudina	Powder/Paste	Carminative,	Flavones >2%
			Stimulant	
Mesua ferrea fruit & flower bud	Nagkesar	Powder/Paste	Astringent,	Bitters >2.5%
			Carminative	
Mimusops elengi bark	Bakul	Powder	Astringent	Tannins 10%
Memordica charantia fruit	Karela	Powder	Anti-diabetic	Bitters 2.5%-10%
Morinda citrifolia fruit	Noni	Powder/Liquid	Stimulant	Morindin 15%
				Scopoletin 0.17%
Moringa oleifera bark	Soanjina	Powder	Emmenagogue,	Glycosides >5%
			Abortifacient	
Moringa oleifera leaf	Soanjina	Powder/Paste	Anti-inflammatory	Alkaloids 0.1%
Mucuna pruriens seed	Kawanch	Powder	Antiparkinsonian	L-Dopa by IP
				method >15%
Myrica nagi bark	Kaiphah	Powder	Astringent,	Tannins 5%
			Carminative	
Myristica fragrans fruit	Jaiphah	Powder/Paste	Stimulant,	Vol.oil 4%
			Carminative	
Nardostachys jatamansi root	Jatamansi	Powder/Paste	Sedative	Vol.oil 0.1%-0.5%
Nelumbo nucifera seed	Kamala	Powder	Stimulant	Saponins 30%
Nigella sativa seed	Kalonji	Powder/Paste	Anthelmintic,	Bitters 3%
			Carminative	Saponins 15%
Nyctanthes arbortristis leaf	Harsinghar	Powder	Antirheumatic,	Alkaloids 0.15%
			Anthelmintic	
Ocimum basilicum leaf	Sweet basil	Powder/Paste	Stimulant,	Tannins 5%
			Aphrodisiac	Vol.oil 1.5%
Ocimum sanctum herb/leaf	Holy basil/Tulsi	Powder/Paste	Stimulant,	Tannins > 7%
			Immunomodulator	Ursolic acid >2%
Oldenlandia corymbosa plant	Khet papra	Powder/Paste	Liver tonic,	Alkaloids 0.35%
			Febrifuge	
Onosma echinodes root	Ratanjot	Powder/Paste	In skin eruptions	Alkamine 1%
Operculina turpethum root	Nisoth	Powder	Purgative	Resin >10%
Opuntia dillenii herb	Vidara	Powder	Antispasmodic	Tannins 10%
Orchis mascula tuber	Salep misri	Powder	Aphrodisiac,	Saponins 4%
			Tonic	Mucilage 20%
Phyllanthus niruri herb	Bhui amla	Powder/Paste	Anti-hepatotoxic	Bitters 1.4%-2%
Picrorhiza kurroa root	Kutki	Powder/Paste	Anti-hepatotoxic,	Kutki 4%-6%,

			Tonic	Bitters >6%
Piper cubeba fruit	Kabab chini	Paste	Stimulant,	Vol.oil 8%
			Carminative	Piperine 10%
Piper longum fruit	Pippali	Powder/Paste	Carminative,	Piperine 4%
			Stimulant	
Piper nigrum fruit	Kalimirch	Powder/Paste	Carminative,	Piperine 5%
			Antiperiodic	
Pistacia integerrima gall	Kakrashingi	Powder/Paste	In bronchitis	Tannins 20%
Plumbago indica root	Chitrakmool	Powder	In skin diseases	Alkaloids
				0.8%-0.15%
Polygala chinensis root	Senaga Indian	Powder/Paste	Antipyretic,	Saponins 5%
			Dizziness	
Pongamia glabra seed	Karanj	Powder/Paste	Skin disease	Bitter 1.0%,Oil 10%
Prunus serotina bark	Wild cherry	Paste	Astringent	Tannins 10%
Psoralea corylifolia seed	Babchi	Powder/Paste	Antipsoriatic	Psoralen >5%
Pterocarpus marsupium wood	Bijasar	Powder	Anti-diabetic	
				Pterostibene 4%-5%
				Flavones 5%
Pterocarpus santalinus bark	Red sandalwood	Powder/Paste	Astringent,	Santalalin >3%
			Antidiarrheal	
Pueraria tuberosa root	Bidarikand	Powder/Paste	Demulcent,	Flavones 6%
			Tonic	
Punica granatum rind	Anar	Powder	Antioxidant	Ellagic acid by HPLC
				>8%,Tannins10-20%
Punica granatum Seed	Anar	Oil	Estrogen regulator	Punicic Acid positive
Putranjiva roxburghii berry	Putranjiva	Powder	Antipyretic	Alkaloids 0.5%
Pyrus malus fruit	Apple	Powder/Paste	Nutritive, Natural	Iron 4-6%%
			source of Iron	
Quercus infectoria gall	Majuphal	Powder/Paste	Astringent	Tannins 40%
Randia dumetorum fruit	Mainphal	Powder/Paste	Antioxidant,	Oleonolic acid >5%
			Liver protectant	
Rauwolfia serpentina root	Sarpagandha	Powder/Paste	Hypotensive	Alkaloids >8%
Rheum emodi root	Rhubarb	Powder/Paste	Blood purifier,	Oxymethyl
			Liver protectant	anthraquinones >5%
Ricinus communis leaf	Arand	Powder	In jaundice	Alkaloids 2.5%
			Anti-inflammatory	
Ricinus communis root	Arand	Powder	Purgative	Alkaloids 0.5%
Rubia cordifolia root	Manjistha	Powder/Paste	In skin disease	Tannins >2%
Salacia reticulata root	Koranti	Powder	Antirheumatic,	Glycosides >15%
			In skin disease	Flavones >5%
Santalum album wood	Sandal wood	Powder/Paste	Coolant,	Vol.oil 2%
			Antibacterial	
Sapindus trifoliatus fruit cortex	Ritha	Paste	Detergent	Saponins 20%
Saraca indica bark	Ashoka	Powder/Paste	Urinary tonic	Tannins >2.5%
Saussurea lappa root	Kuth	Powder/Paste	Antispasmodic,	Alkaloids >0.2%
			Carminative	
Semecarpus anacardium kernel	Godambi	Powder	Antiseptic	Anacardic acid 0.4%
Sida cordifolia root	Bala	Powder/Paste	Stimulant	Alkaloids >0.1%
Solanum nigrum berry	Makoi	Powder/Paste	Expectorant,	Alkaloids 0.2%
			Liver tonic	Bitters >1%
Solanum xanthocarpum plant	Kantkari	Powder/Paste	Expectorant, Tonic	Solasodin >1%
Spinacia oleracea leaf	Spinach	Paste	Antioxidant	Vit K by TLC

Stychnos nux vomica seed	Kuchla	Powder/Paste	Tonic,Aphrodisiac	Alkaloids 3%-6%
Swertia chirata plant	Chireta	Powder	Anti-diabetic	Bitters 4%
Symplocos racemosa bark	Lodhra	Powder/Paste	Urinary tonic	Alkaloids 0.5%
Taraxacum officinale herb	Kanphul	Powder/Paste	Hepatic stimulant	Bitters 2.5%
				Alkaloids 0.5%
Tecomella undulata bark	Rohu	Powder	Astringent	Tannins 10%
Tephrosia purpurea plant	Sarphunkha	Powder/Paste	Antioxidant	Rutin 2%-6% by HPLC
Terminalia arjuna bark	Arjuna	Powder/Paste	Cardio vascular support, Antiarrhythmic	Tannins >25% Arjunic acid >1%
Terminalia belerica fruit	Baheda	Powder	Detoxificant	Tannins >10%
Terminalia chebula root	Harir	Powder	Detoxificant	Tannins 20%-40%
Tinospora cardifolia root	Guduchi	Powder/Paste	Febrifuge	Bitters >1.5%
Trachyspermum ammi fruit	Ajowan	Powder/Paste	Carminative	Vol.oil 10%
Tribulus terrestris fruit	Gokhru	Powder/Paste	Spermatogenic, Ovagenesis stimulator	Saponins 20-60%
Trichosanthes dioica leaf	Patol patra	Powder	Anti-diabetic	Saponins 10%
Trigonella foenumgraecum seed	Methi	Powder	Antilipemic Anticholesteremic	Saponins 15%-40% Fiber 50%
Trikatu	Combination	Powder/Paste	Increases bio availability of drugs	Piperine >2%
Triphala	Combination	Powder	Detoxificant	Tannins >25%
Triticum sativum bran	Wheat bran	Powder	Nutritive	Vit B1=40mcg/g B2=6.28mcg/g B5=1130mcg/g
Triticum sativum germ	Wheat germ	Oil	For skin diseases	Vit.E 0.8% by HPLC
Tylophora indica leaf	Anantmul	Powder/Paste	Anti-asthmatic	Alkaloids 0.1%
Urginea indica bulb	Indian Scilla	Paste	Cardiac stimulant, Diuretic	Glycosides 10%
Valeriana wallichii root	Tagar	Powder/Paste	Sedative	Valeric acid 0.8%
Viburnum spp. bark	Narvel	Powder/Paste	Uterine tonic Emmenagogue	Tannins >1.4%
Viola odorata flower/leaf	Gul banafsha	Powder/Paste	Astringent, Diaphoretic	Saponins 2.5%
Vitex negundo leaf	Nirgundi	Powder/Paste	Vermifuge Antirheumatic	Alkaloids 0.15%
Vitis vinifera fruit/seed	Draksha	Powder/Paste	Antioxidant	Polyphenols >20%
Wedelia calendulacea herb	Bhangra	Powder/Paste	Liver tonic	Tannins 5% Saponins 2%
Withania somnifera root	Ashwagandha	Powder/Paste	Immunomodulator Antioxidant	Withanolides >2.5%
Woodfordia floribunda flower	Dhai-phul	Powder/Paste	For leukorrhea	Tannins 7%
Zingiber officinale rhizome	Ginger	Powder/Paste	Antiarthritic, Antinauseant	Gingerols by HPLC >5%