

Phyto  TM
Life Sciences P. Ltd.

Scientific Origin of Herbal Extracts & Phyto Chemicals

HERBAL EXTRACTS & PHYTOCHEMICALS LIST



CATEGORIES

BIO-PESTISIDE



HERBAL MEDICINES



VETERINARY



NUTRACEUTICAL

COSMETICS

FOOD & BEVRAGES

COMMON EXTRACTS LIST

HERBAL EXTRACTS	BOTANICAL NAME	PART USED	CONCENTRATION RATIO	ACTIVE INGREDIENT	METHOD OF TESTING
Amlaext	<i><u>Emblica officinalis</u></i>	Fruit without seeds	4:01	Tannins 10-15%	Titration
Ardusiext	<i>Adhatodavasic</i>	Leaves	5:01	Alkaloids 0.5%	Gravimetric
Arjun ext	<i><u>Terminalia arjuna</u></i>	Stem	8:01	Tannins 5%	Titration
Ashwgandhaext	<i>Withanniasomnifera</i>	Root	5:01	Total Withanolides 1.5%	Gravimetric
Behdaext	<i>Terminiliabelericabelleric</i>	Fruit without seeds	10:01	Tannins 15-20%	Titration
Boswellia ext	<i>Boswellia serrata</i>	Gum	10:01	Boswellic acid 60-65%	Titration
Brahmi ext	<i>Bacopa monnieri</i>	Plant	10:01	Saponins 5-10%	Gravimetric
Curcumin 95%	<i>Curcuma longa</i>	Rhizome	95%	Curcuminoids 95%	HPLC
Garcinia Cambogiaext	<i>Garcinia cambogia</i>	Fruit	60%	HCA 60%	HPLC
GUDUCHI EXT	<i>TinosporaCordifolia</i>	Stem	10:01	Bitters 2-3%	Gravimetric
Gokhruext	<i>Tribulus terrestris</i>	Fruit	4:01	Saponins 20%	Gravimetric

Grape seed ext	<i>Vitis vinifera</i>	Seeds	95%	PAC 95%	UV
Green tea ext	<i>Camellia sinensis</i>	Leaves	50%	Polyphenols 50%	UV
Gudmarext	<i>Gymnemasylvestre</i>	Leaves	10:01	Gymnemic acid 8-10%	Gravimetric
Gugulext	<i>Commiphoramukul</i>	Gum	6:01	Guggulsterones 0.5-1%	UV
Hardeext	<i>Terminalia chebula</i>	Fruit without seeds	4:01	Tannins 15-20%	Titration
Hadjodext	<i>CissusQuandragularis</i>	Stem	10:01	Ketosterone as a total bitters 2-3%	Gravimetric
Jethimadhext	<i>Glycyrrhiza glabra</i>	Roots	6:01	Glycyrrhizin 5-10%	Gravimetric
Karela ext	<i>Momordica charantia</i>	Fruit	6:01	Bitters 2-3%	Gravimetric
Kaucha	<i>Mucunapruriens</i>	Seeds	10:01	L Dopa 1-2%	HPLC
Kalmeghext	<i>AndrographisPaniculata</i>	Plant	10:01	Bitters 2-3%	Gravimetric
Kutkiext	<i>Picrorhizakurroa</i>	Root	3:01	Bitters 3-5%	Gravimetric
Mandukparniext	<i>Centellaasiatica</i>	Plant	10:01	Saponins 10%	Gravimetric
Mari Black (Kali mirch) ext	<i>Piper Nigrum</i>	Seeds	4:01	Piperine 2-3%	HPLC
Lahsun (Garlic) ext	<i>Allium Ceba</i>	Bulb	10:01	Oil content 1%	Gravimetric
Noni fruit ext	<i>Morindacitrifolia</i>	Fruit	10:01	Alkaloids 0.5%	Gravimetric
Neem ext	<i>Azadirachita Indica</i>	Leaves	10:01	Bitters 2%	Gravimetric
Nagarmothaext	<i>Cyperusrotundus</i>	Grass root	10:01	Alkaloids	Gravimetric

				0.5%	
Piper ext	<i>Piper longum</i>	Fruit	4:01	Piperine 2-3%	HPLC
Papaya ext	<i>Carica Papaya</i>	Leaves	10:01	Total Glycosides 10%	Gravimetric
Punaranavaext	<i>Boerhaviadiffusa</i>	Root	10:01	Alkaloids 0.25%	Gravimetric
Moringa (Sahjana)	<i>Moringa Olefera</i>	Leaves	10:01	Total Glycosides 10%	Gravimetric
Shatavariext	<i>Asparagus racemosus</i>	Root	4:01	Saponins 20%	Gravimetric
Safed Musliext	<i>Asparagus Ascendense</i>	Root	4:01	Saponins 20%	Gravimetric
Shilajitext	<i>Asphaltum</i>	Exudate mineral	6:01	Fulvic acid 2%	Gravimetric
Sunthext	<i>Zingiberofficinale</i>	Rhizome	6:01	Oil content 0.5%	Gravimetric
Sankhpushpiext	<i>Convolvulus pluricaulis</i>	Plant	10:01	Bitters 2%	Gravimetric
Triphalaext	-	Fruits without seeds	4:01	Tannins 10-15%	Titration
Tulsiext	<i>Ocimum sanctum</i>	Leaves	5:01	Tannins 2%	Titration
Green coffee ext	<i>Coffea arabica</i>	Seeds	***	Chlorogenic acid 30-40%	HPLC

HERBAL EXTRACTS FOR COSMETICS

SR NO	HERBS	BOTANICAL NAME	ACTIVITY	PART USED
01	GOKHRU	TRIBULUS TERRESTRIS	Increase power & strength Spermatogenic. Ovogenesis, Anabolic effect	FRUIT
02	AMLA	EMBLICA OFFICINALI	Antioxidant, Tonic Respiratory infection	FRUIT
03	MULETHI	GLYCYRRHIZA GLABRA	Expectorant, Arthritis, Diuretic Hypoglycemia	ROOT
04	MAJITH	RUBIA CORDIFOLIA	In skin disease	ROOT
05	BHANGRO	ECILIPTA ALBA	Anti-hepatotoxic	WHOLE PLANT
06	BHOIAMLI	PHYLANTHUS NIRURI	Anti-hepatotoxic	WHOLE PLANT
07	PUNARNAVA	BOERHAAVIA DIFFUSA	Diuretic	ROOT
08	GALO	TINOSPORA CORDIFOLIA	Febrifuge	STEM
09	DARUHALDI	BERBERIS ARISTATA	Bile & Urinary Passage diseases Cholagogue Emmenagogue Reduce B.P. Antibiotic Antipyretic	STEM
10	HARDE	TERMINALIA CHEBULA	Detoxificant	FRUIT
11	CHITRAK	PLUMBAGO ZEYNILICA	In skin diseases	ROOT
12	VAVDING	EMBLIA RIBES	Anthelmintic	FRUIT
13	KACHURO	CURCUMA ZEDORIA	Analgesic	RHIZOME
14	KARIYATU	ANDROGRAPHIS PANICULATA	Hepatoprotective, Anti-viral	WHOLE PLANT
15	TULSI	OCIMUM SANCTUM	Antistressor	LEAF
16	NEEM	AZADIRCHITA INDICA	Blood Purifier	STEM
17	SUNTH	ZINGIBER	blood thinner, heart	RHIZOME

		OFFICINALE	stimulant and an anti-coagulant.	
18	BLACK TEA	CAMELLIA SINENSIS	Free radical scavenger Anti-oxidant	LEAF
19	JAIFAL	MYRISTICA FRAGRANS	Stimulant Carminative	FRUIT NUT
20	HENNA	LAWSONIA ALBA	Astringent, Anti-inflammatory	LEAF
21	BAHEDA	TERMINALIA BELERICA	Detoxificant	FRUIT
22	HARDE	TERMINALIA CHEBULA	Detoxificant	FRUIT
23	USHIR	ANDROPOGON MURICATUS	Analgesic	GRASS ROOT
24	METHI	TRIGONELLA FOENUM GRACEUM	Antipemic, Anticholestremic, Demulcent, Diuretic, Carminative Aphrodisiac	SEEDS
25	MASUR	LENS CULINARIS	Antioxidant	SEED
26	ARITHA	SAPINDUS MUKOROSI	Detergent	FRUIT
27	JASUD	HIBISCUS ROSA SINENSIS	Antibacterial	FLOWER
28	SIKAKAI	ACACIA CONCINNA	Detergent	POD
29	KUMARI	ALOE VERA BARBEDOES	Purgative, Anticancer	LEAF
30	UDADA	VIGNA MUNGO	Anti inflammatory, Analgesic	SEED
31	HIMEJ	TERMINALIA CHEBULA	Detoxificant	FRUIT
32	GALI	INDIGOFERA TINCTORIA	Antiseptic, Astringent	LEAF
33	SENNA	CASSIA ANGUSTIFOLIA	Purgative & Laxative	LEAF
34	JATAMASHI	NARDOSTACHYS JATAMANSI	Sedative	ROOT
35	KAPURKACHLI	HEDYCHIUM	Antioxidant	ROOT

		SPICATUM		
36	INDRAYAN	CITRULLUS COLOCYNTHIS	Purgative	ROOT
37	DADAM	PUNICA GRANATUM	Antidiabetic and hypolipidemic	RIND
38	ASHWGANDHA	WITHANNIA SOMNIFERA	Immunomodulator Improve sexual performance, enhance energy, Antioxidant Leucorrhea	ROOT
39	TAGAR	VALERIAN WALLICHI	Sedative, Fight insommnia, stress & anxiety	ROOT
40	NEEM SEED	AZADIRACHTA INDICA	Blood Purifier	SEED
41	ANANTMUL	HEMIDESMUS INDICUS	Diaphoretic, Demulcent	ROOT
42	AMBA GOTLI	MAGNIFERA INDICA	Astringent	BARK
43	BLACK TIL	SESAMUM INDICUM	Hepatoprotective and antioxidant	SEED
44	BRAHMI	CENTELLA ASIATICA	Mental Ability Leprostatic	HERB
45	GULAB	ROSA DAMASCENA	Antioxidant, antibacterial	FLOWER
46	HALDAR	CURCUMA LONGA	Anti-inflammatory Hepatitis, Gall bladder tonic, Indigestion	FLOWER PETAL
47	DATURA	DATURA STRAMONIUM	Antispasmodic	HERB
48	CHANOTHI	ABRUS PRECATORIUS	Abortifacient	SEED
49	PUVAD	CASSIA TORA	Anthelmintic, hypolipidemic	SEED
50	LODRA	SYMPLOCOS RACEMOSA	Uterine tonic	STEM
51	KHADIR	ACACIA CATECHU	Astringent	STEM
52	KALONJI	NIGELLA SATIVA	Anthelmintic, Carminative	SEED

53	DHAMASO	FAGONIA CRETICA	Antihaemorrhagic, Cytotoxic and Antitumor	HERB
54	GARLIC	ALLIUM SATIVUM	Antilipemic, Antichloesteremic Antirheumatic	BULB
55	ONION	ALLIUM CEPA	Hypolipidemic, Anticholesteremic	BULB
56	TAJ	CINNAMOMUM ZEYLANICUM	Immunomodulator	STEM
57	TULSI	OCIMUM SANCTUM	Hepatoprotective, Antibacterial	HERB
58	BAVCHI	PSORALEA CORYLIFOLIA	Antipsoriatic	SEED
59	HARSHRINGAR	NYCTANTHES ARBORTISTIS	Antirheumatic, Anthelmintic	LEAF
60	ALSI	LINUM USITATISSIMUM	Anti-inflammatory, analgesic and antipyretic	SEED
61	MALKANGNI	CELASTRUS PANICULATUS	Antirheumatic	RIPE FRUITS
62	KARANJ	PONGAMIA GLABRA	Skin diseases	SEED
63	CHITRAK	PLUMBAGO INDICA	In skin diseases	ROOT
64	SOYA	GLYCINE MAX	Antioxidant and Antimicrobial	SEED

HERBAL EXTRACTS FOR NUTRACEUTICALS

NAME OF EXTRACTS	ACTIVE CONSTITUENTS	NAME OF EXTRACTS	ACTIVE CONSTITUENTS
Gymnema extracts	Gymnemic acid 10-75%	Cinnamon Extracts	Volatile matters
Garcinia Extracts	Hca 10-60%	Green tea Extract	Polyphenols 50-95%
Gosseberry Extracts	Tannins 20-40%	Cissus Extract	Ketosterones 1-5%
Bacopa extracts	Baccosides 20-40%	Hibiscus Extract	quercetin
Maca Extracts	Wadelolactone 1-3%	Garlic Extract	Allin 1-2.5%
Andrographics Extracts	Andrographolides 10-50%	Chaste Tree Extract	Polyphenols 10-20%
Ginger extracts	Gingerols 2-6%	Clove Extract	Volatile oils 1%
Piper longum Extracts	Piperine 5-10%	Fenugreek Extract	Saponins 10-40%
Boswellia extract	Boswellic acid 40-75%	Rosemary Extract	10:1
Centella Extract	Triterpenoids 10-30%	Neem Extract	Bitters 2.5%
White Musli Extract	Saponin 10-35%	Lycopene Extract	6%
Beet root Extract	10:1	Lutein Extract	10%
Indian Ginseng Extract	Total alkaloid 3.5%	Fennel seed Extract	Volatile matters 1%
Moringa Extract	Alkaloid 0.1%	Orange peel Extract	Flavone 4%
Onion Extract	Quercetin 5%	Flax seed Extract	Omega fatty acid
Capsicum Extract	Capsicin 5-20%	Cinnamon Extracts	Volatile matters
Fenugreek Extract	Saponin 10-40%	Cardamom Extract	Volatile oil
Morinda extracts	Morindin 1-5%	L-dopa extract	

Banaba Extracts	Corosolic acid 1-2%	Catechin 65	65%
Liquorice Extracts	Glycyrrhizin 8-25%	Curcumin 95	95%
Aloe vera Extracts	Aloin 1-3 %	Coleus 10-50	10-50 forshkolin
Asparagus Extracts	Saponin 10-40%	Piperine 95	
Bitter gourd Extracts	Bitters 6%	M.A.G.	95% & 99%
Holy basil Extracts	Urosolic acid 2%	D.G.L.	
Tribulus Extracts	Saponin 10-40%	Calcium Sennosides	10-20%
Arjuna Extracts	Tannins 25% Arjunic acid>1%	Panax Ginseng P.E.	Ginsenosides 22-80%
Pomegranate Extract	65-70% polyphenols & 40% Ellagic acid	Siberian Ginseng P.E.	Ginsenosides 20%
Valerian Extract	Valerin acid 1-3%	Ginko bioloba P.E.	Flavones/lactones 24/6
Guggul Extract	Total guggul sterones 2-5%	Saw Palmetto P.E.	Fatty acid 25-45%
Wheat Grass Extract		Grape seed P.E.	95%
Kidney Bean Extract		Yohimbe P.E.	Yohimbin 3-98%
Netmug Extract	Volatile oil 4%	Wild Yam P.E.	Diosgenine 6-16%
Mace Extract	Volatile oil 5-10%	Silymarin P.E.	Silybin 70%
Ajwain Extract	Volatile oil	Indian Kudzu Extract	Flavones 2-6 %
Green Coffee Extract	Chlorogenic acid 40-50%		8-22%

HERBAL EXTRACTS FOR VETERINARY

Sr.No.	Botanical Name	Common Name	Ratio
1	Withania somnifera	<i>Ashwgandha Extract</i>	5:01
2	Asparagus racemosus	<i>Satavri Extract</i>	4:01
3	Leptadenia reticulata	<i>Jivanti Extract</i>	10:01
4	Brayena Petens	<i>Kambhoi Extract</i>	10:01
5	Citrullus colocynthis	<i>Vishala Extract</i>	7:01
6	Abrus precatorius	<i>Red Gunj Extract</i>	25:01
7	Acacia catechu	<i>Gum Babul Extract</i>	6:01
8	Sida cordifolia	<i>Bala Beej Extract</i>	10:01
9	Randia dumetorum	<i>Mindhali Extract</i>	10:01
10	Tephrosia purpurea	<i>Sarpankho Extract</i>	9:01
11	Eclipta alba	<i>Bhangro Extract</i>	10:01
12	Cichorium intybus	<i>Kasni Extract</i>	10:01
13	Phyllanthus niruri	<i>Bhoiamli Extract</i>	10:01
14	Holarrhena antidysenterica	<i>Indrajav ext</i>	10:01
15	Andrographis paniculata	<i>Kariyatu</i>	10:01
16	Terminalia arjuna	<i>Arjun Extract</i>	8:01
17	Solanum nigrum	<i>Makoi Extract</i>	10:01
18	Boerhaavia diffusa	<i>Punarnava Extract</i>	8:01
19	Nardostachys jatamansi	<i>Jatamashi Extract</i>	10:01
20	Leptadenia reticulata	<i>Nepali Jivanti Extract</i>	10:01
21	Sesamum Indicum	<i>Black Till Extract</i>	10:01
22	Taraxacum officinale	<i>Kanphool Extract</i>	5:01
23	Piper longum	<i>Piper Extract</i>	4:01
24	Silybum marianum	<i>Milk Thistle</i>	6:01
25	Glycyrrhiza glabra	<i>Jethimadh Extract</i>	5:01
26	Curcuma longa	<i>Haldar Extract</i>	7:01
27	Cinnamomum zeylanicum	<i>Taj Extract</i>	10:01
28	Moringa oleifera	<i>Saragava Pan Extract</i>	12:01
29	Gooseberry	<i>Amla Extract</i>	4:01
30	Cicer	<i>Chick Pea Extract</i>	10:01
31	Brassica Oleracea	<i>Broccoli Extract</i>	10:01
32	Avena sativa	<i>Oat Extract</i>	10:01
33	Trigonella Foenum-graecum	<i>Methi Extract</i>	10:01

34	Lepidium sativum	<i>Garden Cress Extract</i>	10:01
35	Lens culinaris or Lens esculenta	<i>Lentils Seed Extract</i>	10:01
36	Petroselinum crispum	<i>Parsley Extract</i>	10:01
37	Sesamum indicum	<i>Sesame Seed Extract</i>	10:01
38	Salvia Hispanica	<i>Chia Seed Extract</i>	10:01
39	Ipomoea batatas	<i>Sweet Potato Extract</i>	10:01
40	Hordeum vulgare	<i>Barley Extract</i>	10:01
41	Linum usitatissimum	<i>Flax Seeds Extract</i>	10:01
42	Cucurbita pepo	<i>Pumpkin Extract</i>	10:01
43	Glycine max	<i>Black bean Extract</i>	10:01

HERBAL EXTRACTS FOR BIO FERTILIZER

Sr.No.	Botanical Name & Part used	Common Name	Ratio
1	Allium Cepa bulb	Onion	10:1
2	Allium Sativum bulb	Garlic	10:1
3	Azadirachta Indica Leaf	Neem Leaf	10:1
4	Azadirachta Indica Seeds	Neem Seeds	10:1
5	Asfoetida	Hing	4:1
6	Cinnamomum Zeylanicum bark	Twak	10:1
7	Custard apple seed	Sitafal Beej	10:1
8	Capsicum Spp, fruit	Capsicum	10%
9	Curcuma longa rhizome	Turmeric	7:1
10	Dill Seed Anethum Suva	Suva	8:1
11	Datura Stramonium Leaf	Datura	10:1
12	Embelia ribes seeds	Vidang	10:1
13	Ipomeo Fistulosa Leaf	Naffatio leaf	10:1
14	Jatropha Curcas Onosmia echioides	Ratanjyot leaves	10:1
15	Moringa oleifera leaf	Saragva	12:1
16	Ocimum sanctum leaves	(Basil) Tulsi	5:1
17	Pongamia glabra (seed)	Karanj Seed	4:1
18	Ricinus Communis leaves	Erand leaves	7:1
19	Trigonella foenum leaf	Methi leaf	10:1
20	Vitex negundo (leaf)	Nirgandi	5:1
21	Velerina Wellichiy rhizome	Tagar	6:1
22	Zinigiber officinallia rhizome	Ginger	6:1

ESSENTIAL OILS

Sr.No.	Botanical Name	Common Name
1	<i>Pimpinella Anisum</i>	Anise Seed
2	<i>Anethum Graveolens</i>	Anithi Sowa(Dill)
3	<i>Trachyspermum ammi</i>	Ajwain Seed
4	<i>Aloe Barbadensis</i>	Aloevera
5	<i>Prunus dulcis</i>	Almond
6	<i>Emblica officinalis</i>	Amla
7	<i>Persea americana</i>	Avocado
8	<i>Ocimum basilicum</i>	Basil
9	<i>Citrus bergamia</i>	Bergamot
10	<i>Eclipta prostrata</i>	Bhringraj
11	<i>Bacopa monnieri</i>	Brahmi
12	<i>Carum carvi</i>	Caraway Seed
13	<i>Elettaria Cardamomum</i>	Cardamom Seed
14	<i>Daucus carota</i>	Carrot Seed
15	<i>Nepeta cataria</i>	Catnip
16	<i>Cedrus atlantica Manetti – Pinaceae</i>	Cedarwood
17	<i>Apium graveolens</i>	Celery Seed
18	<i>Anthemis nobilis</i>	Chamomile
19	<i>Cinnamomum zeylanicum</i>	Cinnamon Bark
20	<i>Cinnamomum zeylanicum</i>	Cinnamon Leaf
21	<i>Cymbopogon nardus Rendle</i>	Citronella

22	<i>Salvia sclarea</i>	Clary Sage
23	<i>Eugenia caryophyllata</i>	Clove Bud
24	<i>Coriandrum sativum</i>	Coriander Seed
25	<i>Cupressus sempervirens</i>	Cypress
26	<i>Eucalyptus globulus</i>	Eucalyptus
27	<i>Foeniculum vulgare</i>	Fennel
28	<i>Abies sibirica</i>	Fir Needle
29	<i>Boswellia Thurifera</i>	Frankincense
30	<i>Pelargonium roseum</i>	Geranium
31	<i>Zingiber officinale</i>	Ginger
32	<i>Vitis Vinifera</i>	Grape Seed
33	<i>Helichrysum italicum</i>	Helichrysum
34	<i>Lawsonia Inermis</i>	Henna
35	<i>Hyssopus officinalis</i>	Hyssop
36	<i>Jasmine Grandiflora</i>	Jasmine
37	<i>Simmondsia chinensis</i>	Jojoba
38	<i>Juniperus communis</i>	Juniper Berry
39	<i>Lavandula angustifolia</i>	Lavender
40	<i>Citrus limonum</i>	Lemon
41	<i>Citrus reticulata</i>	Mandarin
42	<i>Artemisia vulgaris</i>	Mugwort
43	<i>Commiphora Myrrha</i>	Myrrh
44	<i>Citrus aurantium</i>	Neroli
45	<i>Azadirachta indica</i>	Neem
46	<i>Myristica fragrans</i>	Nutmeg

47	<i>Olea europaea</i>	Olive
48	<i>Citrus sinensis</i>	Orange Sweet
49	<i>Origanum Vulgare</i>	Oregano
50	<i>Cymbopogon martinii</i>	Palmarosa
51	<i>Pogostemon cablin</i>	Patchouli
52	<i>Piper nigrum</i>	Pepper Black
53	<i>Mentha piperita</i>	Peppermint
54	<i>Citrus Aurantium</i>	Petitgrain
55	<i>Pinus sylvestris</i>	Pine Needle
56	<i>Cucurbita pepo</i>	Pumpkin Seed
57	<i>Rosa damascena</i>	Rose
58	<i>Rosa damascena</i>	Rosemary
59	<i>Salvia sclarea</i>	Sage
60	<i>Serenoa repens</i>	Saw Palmetto
61	<i>Mentha spicata</i>	Spearmint
62	<i>Nardostachys Grandiflora</i>	Spikenard
63	<i>Pimpinella anisum</i>	Star Anise
64	<i>Citrus Reticulata</i>	Tangerine
65	<i>Melaleuca alternifolia</i>	Tea Tree
66	<i>Lippia citriodora</i>	Verbena
67	<i>Vetiveria zizanioides</i>	Vetiver
68	<i>Gaultheria Procumbens</i>	Wintergreen
69	<i>Triticum vulgare</i>	Wheat Germ
70	<i>Achillea millefolium</i>	Yarrow
71	<i>Cananga Odorata</i>	Ylang Ylang

