

Standardised Herbal Extracts

S. No.	Product (Botanical Name)	Bio-Markers and Limits	Testing Method	Major Application
1.	Amla extract (<i>Emblica officinalis</i>)	Hydrolyzable tannins 20%-45%	Gravimetric	Anti-aging, skin & hair care
2.	Aloe (<i>Aloe vera</i>)	200:1	Gravimetric	Cosmetic ingredient
3.	Garlic extract (<i>Allium sativum</i>)	Allin 1.3%	HPLC	Anti-lipemic, Anti-cholesteremic, Anti-rheumatic
4.	Onion extract (<i>Allium cepa</i>)	Quercetin	HPLC	Hypolipidemic
5.	Andrographis extract (<i>Andrographis paniculata</i>)	Andrographolides 10%, 20% & 95%	HPLC	Liver support
6.	Ashwagandha extract (<i>Withania somnifera</i>)	Total withanolides 1.5%-2.5% & 5%	Gravimetric	Immune support adaptogen
7.	Bacopa extract (<i>Bacopa monnieri</i>)	Bacosides 10%, 20% & 50%	HPLC/UV	Memory support
8.	Banaba extract (<i>Lagerstroemia speciosa</i>)	Corosolic acid 1% & 2%	HPLC	Blood sugar support and weight management
9.	Black pepper extract (<i>Piper nigrum</i>)	Piperine 95%	HPLC	Gastrointestinal disorders and intermittent fever
10.	Boswellia extract (<i>Boswellia serrata</i>)	Boswellic acids 60%-90%	Gravimetric/HPLC	Skin care, bone health care
11.	AKBA (<i>Boswellia serrata</i>)	AKBA- 10%,30% & 40%	HPLC	Anti-inflammatory
12.	Bamboo extract (<i>Bambusa arundinacea</i>)	Natural silica 75%	Gravimetric	Regulates menstrual period and help digestion of proteins
13.	Calcium sennosides (<i>Cassia angustifolia</i>)	Sennosides 6%, 10% & 20%	HPLC	Laxative
14.	Cassia extract (<i>Cassia fistula</i>)	Saponin 10%	Gravimetric	Skin diseases and in constipation
15.	Cissus extract (<i>Cissus quadrangularis</i>)	Total Ketosterones 10%-40%	Gravimetric	Bone health care
16.	Coleus forskohlii extract (<i>Coleus forskohlii</i>)	Forskolin 1%, 10% & 20%	HPLC	Weight management
17.	Coffee bean extract (<i>Coffea robusta</i>)	Chlorogenic acid 45%,50% & 60%	HPLC	Anti-oxidant and weight management
18.	Cinnamon extract (<i>Cinnamomum cassia</i>)	Polyphenols 10%-20%	UV	Anti-diabetic and anti-oxidant

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19.	Papaya leaf extract (<i>Carica papaya</i>)	Tannin 5%	UV	Antitumor, increase platelet levels in blood, dengue fever and digestive
20.	Eclipta alba extract (<i>Eclipta alba</i>)	Bitters 3%	Gravimetric	Liver tonic
21.	Fenugreek extract (<i>Trigonella foenum-graecum</i>)	Saponins 50%	Gravimetric	Blood sugar support and cardiovascular support
22.	Guggul extract (<i>Commiphora mukul</i>)	Guggulsterones 2.5%	HPLC/UV	Anti-inflammatory
23.	Ginger extract (<i>Zingiber officinalie</i>)	Gingerols 5% & 20%	HPLC	Digestive support and anti-inflammatory
24.	Ginkgo biloba extract (<i>Ginkgo biloba</i>)	Flavone glycosides -24% & terpene lactones -6%	HPLC	Memory and concentration enhancer
25.	Gotu kola extract (<i>Centella asiatica</i>)	Total triterpenes 10%, 20% & 40%	HPLC	Skin care and memory support
26.	Green tea extract (<i>Camellia sinensis</i>)	Polyphenols 25% & 90%	UV	Anti-oxidant and anti-cancer
27.	Gymnema extract (<i>Gymnema sylvestre</i>)	Gymnemic acid 25%, 50% & 75%	Gravimetric	Anti-diabetic, stimulates heart and circulatory system
28.	Grape seed extract (<i>Vitis vinifera</i>)	Proanthocyanidins 95%	UV	Anti-oxidant and general health
29.	Garcinia extract, hydroxycitric acid salts (<i>Garcinia cambogia</i>)	Hydroxycitric acid 50%-60%, Ca, Mg salt and water soluble salt	HPLC	Weight management
30.	Garcinia extract Hydroxy citric acid salts (<i>Garcinia cambogia</i>)	Hydroxycitric acid 65% & 70 % Mg salt (water soluble salt)	HPLC	Weight management
31.	Mangosteen extract (<i>Garcinia mangostana</i>)	Mangosteen 10% & 40%	HPLC	Dietary supplement for diarrhoea, dysentery, skin diseases, fever and urinary disorders
32.	Horse chestnut extract (<i>Aesculus hippocastanum</i>)	Aescin 20% & 40%	HPLC/UV	To treat hardening of the arteries, varicose veins, phlebitis, leg ulcers, hemorrhoids and frostbite
33.	Licorice extract (<i>Glycyrrhiza glabra</i>)	Glycyrrhizic acid 10%-25%	HPLC/Gravimetric	Digestive support
34.	Marigold extract (<i>Tagetes erecta</i>)	Lutein 10% & 20%	UV/HPLC	Natural food colourant
35.	Mucuna extract (<i>Mucuna pruriens</i>)	L-DOPA 10% & 50%	HPLC	Men's health support and in parkinson's disease
36.	Momordica extract (<i>Momordica charantia</i>)	Bitter principles 2.5%-15%	Gravimetric	Blood sugar support
37.	Moringa leaf extract (<i>Moringa oleifera</i>)	Protein 15%	Kjeldahl	Immunity support

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38.	Moringa seed extract (<i>Moringa oleifera</i>)	Protein 60%	Kjeldahl	Immunity support
39.	Noni extract (<i>Morinda citrifolia</i>)	Alkaloids 0.07%	Gravimetric	In colic, seizures, cough, diabetes, urinary problems and menstrual problems
40.	Neem leaf extract (<i>Azadirachta indica</i>)	Bitter principles 2.5% & 10%	Gravimetric	Anti-bacterial
41.	Neem bark extract (<i>Azadirachta indica</i>)	Bitter principles 2.5% & 5.0%	Gravimetric	Anti-bacterial
42.	Phyllanthus amarus extract (<i>Phyllanthus amarus</i>)	Bitter principles 2.5% & 5.0%	Gravimetric	Hepatocare
43.	Pomegranate extract (<i>Punica granatum</i>)	Ellagic acid 5% & 40%	HPLC	Versatile anti-oxidant
44.	Kutki extract (<i>Picrorhiza kurroa</i>)	Kutkin -5% Bitter principles 8% & 10 %	HPLC/Gravimetric	Liver support
45.	Ginseng (<i>Panax ginseng</i>)	Ginsenoside 20%	HPLC	Improve thinking, memory enhancer, physical stamina and athletic endurance
46.	Shatavari extract (<i>Asparagus racemosus</i>)	Saponins 20%-50%	Gravimetric	Galactagogue
47.	Saw palmetto extract (<i>Serenoa repens</i>)	Fatty acids 45% & 90%	GC-HS	Prostate enlargement, increase testosterone level and reduce hair loss
48.	Shilajit extract (<i>Asphaltum mineral pitch</i>)	Total fulvic acid 2.5%	Gravimetric	Immunity support
49.	Safed musli (<i>Chlorophytum borivillianum</i>)	Saponins 20% & 40%	Gravimetric	Men's health support
50.	Silymarin extract (<i>Silybum marianum</i>)	Silymarin 70% & 80%	UV	Hepatoprotective
51.	Spirulina powder (<i>Spirulina platensis</i>)	Protein 60%	Kjeldahl	Diabetes, hypertension, hypolipidemic
52.	Tribulus extract (<i>Tribulus terrestris</i>)	Saponins 20%-80%	Gravimetric	Immunity support
53.	Triphala extract (<i>Emblica officinalis</i> , <i>Terminalia chebula</i> and <i>Terminalia bellirica</i>)	Tannins 20% & 40%	Titration	Digestive support, rejuvenator and laxative
54.	Tulsi extract (<i>Ocimum sanctum</i>)	Ursolic acid 1.5% & 2.5%	HPLC	Anti-pyretic, anti-cough, anti-cold and anti-oxidant
55.	Tulsi extract (<i>Ocimum sanctum</i>)	Tannins 10%	Titration	Anti-pyretic, anti-cough, anti-cold and anti-oxidant
56.	Turmeric extract (<i>Curcuma longa</i>)	Curcuminoids 95%	HPLC/UV	Anti-oxidant
57.	Arjuna extract (<i>Terminalia arjuna</i>)	Tannins 30%	Titration	Circulation support

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58.	Terminalia extract (<i>Terminalia bellirica</i>)	Tannins 40%	Titration	Detoxifier
59.	Tinospora extract (<i>Tinospora cordifolia</i>)	Bitter 2.5% & 5%	Gravimetric	Immune support
60.	Vasaka extract (<i>Adhatoda vasica</i>)	Alkaloids 1%-5%	Gravimetric	Respiratory support
61.	Vasaka extract (<i>Adhatoda vasica</i>)	Vasicine 1%, total alkaloids 2%	HPLC/Gravimetric	Respiratory support and aids in cough & cold
62.	Lodhra extract (<i>Symplocos racemosa</i>)	Saponin 5%	Gravimetric	Treats eye disorders and diarrhea
63.	White kidney beans extract (<i>Phaseolus vulgaris</i>)	Amylase Inhibitory activity 2000, 10,000-20,000 unit/gm	Gravimetric	Weight management
64.	Valeriana ext (<i>Valeriana wallichii</i>)	Valerianic acids 0.8%	HPLC	Calms nervous system, used in insomnia
65	Nano-Curcumin (<i>Curcuma longa</i>) particle size 20-100 nm	Curcuminoid NLT 40%	HPLC	Anti-oxidant, anti-inflammatory, anti-cancer

Phytochemicals

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1.	Kalmegh (<i>Andrographis paniculata</i>)	Andrographolide NLT 95%	HPLC	Liver support
2.	Curcumin RSF (<i>Curcuma longa</i>) Residue solvent NMT50 ppm	Curcuminoid NLT 95%	HPLC	Anti-oxidant, anti-inflammatory and anti-cancer
3.	Curcumin complex (<i>Curcuma longa</i>)	Lecithin complex 20%-70%	HPLC	Anti-oxidant, anti-inflammatory, anti-cancer
4.	Curcumin (<i>Curcuma longa</i>)	Curcuminoid NLT 95%	HPLC	Anti-oxidant, anti-inflammatory, anti-cancer
5.	Natural caffeine (<i>Coffea robusta</i>)	Caffeine NLT 95%	HPLC	Anti-oxidant
6.	Piperine (<i>Piper nigrum</i>)	Piperine NLT 95%	HPLC	Treats gastrointestinal disorders and intermittent fever
7.	Tetrahydrocurcumin (<i>Curcuma longa</i>)	Tetrahydrocurcuminoid NLT 95%	HPLC	Skin care cosmetic ingredient
8.	Steviosides (<i>Stevia rebaudiana</i>)	Stevioside NLT 90%	HPLC	Healthy natural sweetener
9.	AKBA (<i>Boswellia serrata</i>)	AKBA NLT 40%	HPLC	Anti-rheumatic, anti-inflammatory

Cosmoceutical Ingredients

S. No.	Product (Botanical Name)	Bio-Markers and Limits	Testing Method	Major Application
1.	Amla extract powder (<i>Embilica officinalis</i>)	Tannin NLT 40%	Gravimetric	Hair care especially to get long and lustrous hair
2.	Amla liquid extract (<i>Embilica officinalis</i>)	Tannin NLT 5%	Gravimetric	Hair care especially to get long and lustrous hair
3.	Bhringraj extract (<i>Eclipta alba</i>)	Bitters NLT 2%	Gravimetric	Hair care to promote the growth of healthy and strong hair
4.	Bhringraj liquid extract (<i>Eclipta alba</i>)	Bitter NLT 0.5%	Gravimetric	Hair care to promote the growth of healthy and strong hair
5.	Boswellia extract powder (<i>Boswellia serrata</i>)	Boswellic Acid NLT 75%	Gravimetric	Anti-inflammatory
6.	Brahmi extract (<i>Bacopa monnieri</i>)	Bacosides NLT 10%	HPLC	Hair care especially to get luxuriously long, shiny hair
7.	Centella extract (<i>Centella asiatica</i>)	Asiaticosides NLT 10% & Total Triterpenes NLT 40%	HPLC	Skin conditioning agent, Supports wound healing, Supports circulation, Supports texture, Skin integrity
8.	Coffee bean extract (<i>Coffea arabica</i>)	Total Chlorogenic acid NLT 60%	HPLC	Anti-oxidant, Anti-aging, Hair care
9.	Licorice extract (<i>Glycyrrhiza glabra</i>)	Glycyrrhizic Acid NLT 20%	HPLC	Skin conditioning & smoothening
10.	Hibiscus liquid extract (<i>Hibiscus rosa-sinensis</i>)	Bitters	Gravimetric	Natural hair colorant
11.	Neem extract powder (<i>Azadirachta indica</i>)	Bitters NLT 5%	Gravimetric	Antiseptic
12.	Neem liquid extract (<i>Azadirachta indica</i>)	Bitters NLT 0.5%	Gravimetric	Antiseptic
13.	Pomegranate extract (<i>Punica granatum</i>)	Ellagic Acid NLT 40%	HPLC, UV	Anti-oxidant, Skin lightening
14.	Shikakai liquid extract (<i>Acacia concinna</i>)	Saponin NLT 10% & 20%	Gravimetric	Natural surfactant, Hair care
15.	Tulsi extract powder (<i>Ocimum sanctum</i>)	Tannin NLT 10%	Gravimetric	Skin care to avoid acne and pimples
16.	Tulsi liquid extract (<i>Ocimum sanctum</i>)	Tannin NLT 0.5%	Gravimetric	Skin care to avoid acne and pimples
17.	White curcumin (<i>Curcuma longa</i>)	Tetra -hydrocurcuminoids NLT 95%	HPLC	Skin whitener, Anti-oxidant