LORACEUTICAL STANDARDIZED BOTANICAL EXTRACTS

Droduct

ACHILLEA MILLEFOLIUM EXTRACT (YARROW)

Essential oil (GLC) > 0.04%

CAMELLIA SINENSIS LEAF EXTRACT (GREEN TEA)

Epigallocatechin Gallate (HPLC) ≥ 0.2% Total Xanthines (HPLC) > 0.75%

CAPSICUM FRUTESCENS FRUIT EXTRACT (CAYENNE)

Total capsaicinoids (HPLC) > 0.62%

CENTELLA ASIATICA EXTRACT (GOTU KOLA)

Asiaticoside (HPLC) > 0.05%

DAUCUS CAROTA SATIVA (CARROT) ROOT EXTRACT

Beta Carotene (UV/VIS) > 0.20%

ECHINACEA PURPUREA EXTRACT (CONEFLOWER)

Echinacosides (HPLC) > 0.5% Polysaccharides (HPLC) > 0.25%

GARCINIA CAMBOGIA FRUIT EXTRACT (GARCINIA)

Hydroxycitric Acid (HPLC) > 20%

GINKGO BILOBA LEAF EXTRACT

Ginkgosides (HPLC) > 1.0%

HYDRASTIS CANADENSIS (GOLDENSEAL) EXTRACT

Hydrastine (HPLC) $\geq 0.2\%$ Berberine (HPLC) > 0.1%

LARREA DIVARICATA EXTRACT (CHAPARRAL)

NDGA (HPLC) > 0.05%

PANAX GINSENG ROOT EXTRACT (AMERICAN GINSENG)

Ginsenosides (HPLC) > 2.0%

SPIRULINA MAXIMA EXTRACT

Phycocyanin (HPLC) $\geq 2.5\%$ Chlorophyll (HPLC) $\geq 2.0\%$

UNCARIA TOMENTOSA EXTRACT (CAT'S CLAW)

Total alkaloids (HPLC) > 0.25% Total saponins (HPLC) > 2.0%



Botanical Reference Chart

Botanicals for use in cosmetics and personal care products

Acne

Aloe Vera, Chamomile, Dandelion Derma-Plex™II, Echinacea, Goldenseal, Red Clover,

After Shave

Chamomile

Analgesic (external)

Capsicum, Clove

Anti-aging

BBC Antioxidant Blend, Cat's Claw, Echinacea, Green Tea

Anti-bacterial

Echinacea, Fo-Ti, Garlic, Goldenseal, Green Tea, Olive, Oregano

Anti-dandruff

Bio-Dandra Plex™, Chamomile, Chaparral

Anti-inflammatory

Cat's Claw, Green Tea, Oak Bark, Passionflower, Turmeric, White Willow

Anti-irritant

Aloe Vera, Capsium, Green Tea

Anti-itch

Aloe Vera, Capsicum, Chamomile, Echinacea, Goldenseal, Gotu Kola

Anti-oxidant

Super Fruit Blend, Bio-flavonoids, Carrot, Cat's Claw, Ginkgo, Green Tea

Anti-plaque

Green Tea

Antiseptic

Barberry, Chamomile, Echinacea, Goldenseal, Sauna-Derm™ II, Yarrow

Anti-wrinkle

Aloe Vera, Chlorella, Derm-Plex™ I, Spirulina

Astringent

Sauna-Derm™ II, Witch Hazel, Yarrow

Bath (mineral)

BBC Mineral Complex™, Nettles

Calming

BBC Relaxing Complex[™], Chamomile, Echinacea

Cellulite

Bio-flavonoids, Gotu Kola, Green Tea

Cleansers

Bio-Saponins™, Sauna-Derm™ I or II

Deodorant

Bio-flavonoids, Chaparral, Coriander

Eczema

Aloe Vera, Dandelion, Derma-Plex™ II, Goldenseal

Emollients

Derma-Plex™ I

Eye Care

Bilberry, Chamomile, Green Tea

Facial Steams

Sauna-Derm™ I or II

Gingivitis

Echinacea, Goldenseal, Myrrh

Hair (blonde)

Chamomile, Goldenseal, Neutral Henna Plus II

Hair (brunette)

Chamomile, Neutral Henna

Hair (conditioning)

Nutra Plant Complex™ II

Hair (dark)

Neutral Henna Plus™ I

Hair (dry)

Capsicum, Chamomile, Neutral Henna Plus™ I

Hair (loss)

Capsicum, Green Tea, Nettles

Hair (red)

Chamomile

Hair (shine)

Chamomile, Nutra Plant Complex™ I or II Hair (split ends)

Echinacea, Nutra Plant Complex™ I or II

Healing

Derma-Plex™ I, Yarrow

Insect Repellent

Capsicum, Chamomile

Psoriasis

Capsicum

Rubufacient

Capsicum

Shingles

Capsicum

Skin (dry)

American Ginseng, Bio-flavonoids, Capsicum, Chamomile, Derma-

Plex™ I, Yarrow

Skin (firming) Firming Complex™

Skin (lightening)

Albacan™, Echinacea, Licorice, Uva Ursi

Skin (moisturizing)

BBC Moisture Trol[™], Chlorella, Derma-Plex[™] I, Garcinia, Sauna-Derm[™] I, Spirulina

Skin (oily)

Derma-Plex™ I or II

Skin (softening)

Derma-Plex™ I

Styptics

Yarrow

Sun Care

Capsicum, Green Tea

Varicose Veins

Capsicum, Goldenseal, Horsechestnut

Wounds

Chamomile, Goldenseal, Yarrow

©2009 Bio-Botanica®, Inc. #9087P 4/09

NOTE: The suggested uses of botanicals are presented here solely for their educational value. We cannot anticipate all conditions under which this information and our products, or the product of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine safety and suitability of each such product or product combinations for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.