

# A Antihelicobacter

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	# Chemicals	Total PPM
Abelmoschus esculentus Okra	1	
Abies alba Silver-Fir	1	14.0
Achillea millefolium Yarrow; Milfoil	1	2450.0
Acinos suaveolens	1	
Acinos alpinus Te de Sierra Nevada	1	
Acorus calamus Sweetroot; Flagroot; Sweet Calamus; Sweetflag; Calamus; Myrtle Flag	1	
Aegle marmelos Bael fruit; Bael de India	1	
Aeolanthus myriantha Ninde	1	
Allium sativum var. sativum Garlic	1	
Aloysia citrodora Lemon Verbena	3	5278.0
Alpinia galanga Siamese Ginger; Languas; Greater Galangal	1	
Anethum graveolens Garden Dill; Dill	1	
Angelica archangelica Angelica; Wild Parsnip; Garden Angelica	1	171.0
Anisomeles malabarica Malabar Catmint	1	
Apium graveolens Celery	1	
Aralia cordata Udo	1	30.0
Artemisia vulgaris Mugwort	1	
Artemisia salsoloides	1	
Artemisia herba-alba Desert Wormwood	1	
Artemisia dracunculus Tarragon	3	20800.0
Artemisia annua Qinghao; Sweet Annie; Sweet Wormwood (GRIN); Annual Mugwort (GRIN); Annual Wormwood (GRIN)	1	
Artemisia absinthium Wormwood	1	
Ballota nigra Black Horehound	1	8.0
Boswellia sacra Weihrauchpflanze (Ger.); Oliban (Sp.); Olibanum; Weihrauchbaum (Ger.); arbol del incensio (Sp.); Olibanum Tree; Frankincense	1	
Bursera delpechiana Linaloe; Lignaloe	1	
Calamintha nepeta Turkish Calamint	1	
Camellia sinensis Tea	1	
Cananga odorata Ylang-Ylang; Cananga	1	
Capsicum annum Bell Pepper; Cherry Pepper; Sweet Pepper; Paprika; Cone Pepper; Green Pepper	1	
Carum carvi Kummel (Ger.); Caraway; Carum; Comino de Prado (Sp.); Comino (Sp.)	1	120.0
Centella asiatica Pennywort; Gotu Kola	1	
Chamaemelum nobile Perennial Camomile; Garden Camomile; Roman Camomile	1	
Chrysanthemum x morifolium Florist's Chrysanthemum; Chrysanthemum; Ju Hua (Pinyin); Mum	1	
Chrysanthemum parthenium Feverfew	1	
Cinnamomum verum Cinnamon; Ceylon Cinnamon	2	16.0
Cinnamomum camphora Camphor; Ho Leaf	2	
Cinnamomum aromaticum Cannelier Casse (Fr.); Cannelier de Chine (Fr.); Cassia; Zimtcassie (Ger.); Canelero chino (Sp.); Cassia Lignea; Chinazimt (Ger.); Chinesischer Zimtbaum (Ger.); Canelle de Cochinchine (Fr.); Canela de la China (Sp.); Kashia-Keihi (Jap.); Cassia Bark; China Junk Cassia; Chinese Cinnamon; Chinese Cassia; Saigon Cinnamon	1	

Plant	# Chemicals	Total PPM
<i>Cistus ladaniferus</i> Ambreine; Gum Cistus; Rockrose; Labdanum	2	4480.0
<i>Citrullus colocynthis</i> Colocynth	1	
<i>Citrus sinensis</i> Orange	2	73.3
<i>Citrus reticulata</i> Mandarin; Tangerine	2	250.8
<i>Citrus paradisi</i> Grapefruit	3	
<i>Citrus medica</i> Citron	1	
<i>Citrus limon</i> Lemon	3	
<i>Citrus aurantium</i> Petitgrain; Bitter Orange	3	380.0
<i>Citrus aurantiifolia</i> Lime	2	320.0
<i>Cleonia lusitanica</i> Spanish Heal-All	1	
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Conyza canadensis</i> Horseweed; Butterweed; Hogweed	1	
<i>Coriandrum sativum</i> Coriander; Chinese Parsley; Cilantro	2	166.0
<i>Crocus sativus</i> Saffron	1	
<i>Cuminum cyminum</i> Cumin	1	2028.0
<i>Cunila origanoides</i> Frost Mint; Stone Mint; Maryland Dittany; American Dittany; Frost Flower; Dittany; Mountain Dittany	1	112.0
<i>Cymbopogon winterianus</i> Mahapengiri; Java Citronella	2	1106.0
<i>Cymbopogon parkeri</i> Skhabar	1	12378.0
<i>Cymbopogon nardus</i> Citronella; Ceylon Citronella	2	
<i>Cymbopogon flexuosus</i> East Indian Lemongrass	1	8500.0
<i>Cymbopogon citratus</i> Lemongrass; West Indian Lemongrass	2	28980.0
<i>Daucus carota</i> Carrot	2	4720.0
<i>Dracocephalum thymiflora</i> Thyme-Flowered Moldavica	1	16.0
<i>Elettaria cardamomum</i> Cardamom	2	2910.0
<i>Elsholtzia polystachya</i> Bush Mint	1	
<i>Elsholtzia pilosa</i> Hairy Mint Shrub	2	
<i>Elsholtzia nipponica</i> Hsiang Ju	1	
<i>Elsholtzia eriostachya</i> 'Dwarf' Bush Mint	2	
<i>Elsholtzia cristata</i> Furan Chemotype	1	
<i>Eucalyptus viridis</i>	2	
<i>Eucalyptus tetraptera</i>	1	
<i>Eucalyptus stoatei</i>	1	
<i>Eucalyptus sparsa</i>	2	
<i>Eucalyptus porosa</i>	2	
<i>Eucalyptus populnea</i>	2	
<i>Eucalyptus odorata</i>	2	
<i>Eucalyptus ochrophloia</i>	2	
<i>Eucalyptus melanophloia</i>	2	
<i>Eucalyptus leucoxylon</i>	2	
<i>Eucalyptus largisparsa</i>	2	
<i>Eucalyptus lansdowneana</i>	2	
<i>Eucalyptus intertexta</i>	2	

Plant	# Chemicals	Total PPM
<i>Eucalyptus incrassata</i>	1	
<i>Eucalyptus forrestiana</i>	1	
<i>Eucalyptus fasciculosa</i>	2	
<i>Eucalyptus erythrandra</i>	1	
<i>Eucalyptus dolichorhyncha</i>	1	
<i>Eucalyptus desquamata</i>	2	
<i>Eucalyptus cuprea</i>	2	
<i>Eucalyptus citriodora</i> Lemon-Scented Gum; Citron-Scented Gum; Lemon Eucalyptus; Spotted Gum	1	
<i>Eucalyptus ceratocorys</i>	1	
<i>Eucalyptus behriana</i>	2	
<i>Eucalyptus angulosa</i>	1	
<i>Eupatorium triplinerve</i> Triplinerved eupatorium	1	
<i>Foeniculum vulgare</i> Fennel	1	120.0
<i>Fragaria</i> spp Strawberry	1	
<i>Glechoma hederacea</i> Alehoof	1	18.0
<i>Glycyrrhiza uralensis</i> Kan-Tsao; Chinese Licorice; Gan-Cao	1	
<i>Glycyrrhiza glabra</i> Licorice-Root; Licorice; Smooth Licorice; Commom Licorice	2	5432.0
<i>Hedeoma reverchonii</i> Reverchon's Pennyroyal	1	1302.0
<i>Hedeoma pulegioides</i> American Pennyroyal	1	180.0
<i>Hedeoma hispida</i> Hispid Pennyroyal	1	8.0
<i>Hedeoma drummondii</i> Drummond's Pennyroyal	1	
<i>Hedychium flavum</i> Yellow Ginger Lily	1	
<i>Helianthus annuus</i> Sunflower; Girasol	2	
<i>Helichrysum angustifolium</i> Everlasting; Immortelle	1	2000.0
<i>Hesperis matronalis</i> Dame's Rocket; Damask-Violet; Sweet Rocket; Dame's-Violet	1	
<i>Humulus lupulus</i> Hops	2	
<i>Hypericum perforatum</i> Goatweed; Klamath Weed; Hypericum; St. John's-wort; Common St. Johnswort	1	
<i>Hyptis suaveolens</i> Wild Hops	1	
<i>Hyssopus officinalis</i> Hyssop	2	994.0
<i>Illicium verum</i> anis estrellado (Sp.); Sternanis (Ger.); Chinesischer Sternanis (Ger.); Star Anise; Chinese Star Anise; anis de China (Sp.)	1	40.0
<i>Jasminum officinale</i> Poet's Jessamine; Jasmine	1	
<i>Juniperus virginiana</i> Red Cedar	1	
<i>Juniperus communis</i> Juniper; Common Juniper	2	5400.0
<i>Lantana camara</i> Lantana; Wild Sage	1	
<i>Laurus nobilis</i> Bay; Bayleaf; Grecian Laurel; Sweet Bay; Bay Laurel; Laurel	3	5300.0
<i>Lavandula x intermedia</i> Lavandin; Dutch Lavender	2	40.0
<i>Lavandula x hybrida</i> Hybrid Lavender	1	
<i>Lavandula latifolia</i> Spike Lavender; Aspic; Broad-Leaved Lavender	2	140.0
<i>Lavandula angustifolia</i> English Lavender	1	
<i>Leonotis leonurus</i> Lion's Ear	1	
<i>Lindera benzoin</i> Spicebush; Fieberstrauch (Ger.); Wild Allspice; Benjamin Bush	1	

Plant	# Chemicals	Total PPM
<i>Lippia alba</i> White Lippia	1	
<i>Litsea glaucescens</i> Mexican bay	1	
<i>Lycopersicon esculentum</i> Tomato	1	
<i>Lycopus uniflorus</i> One-Flowered Bugle	1	18.0
<i>Magnolia fargesii</i> Hsin-I; Xin-Yi	1	
<i>Magnolia denudata</i> Xin-Yi; Hsin-I	1	
<i>Mangifera indica</i> Mango	1	
<i>Marrubium vulgare</i> Horehound; White Horehound	1	
<i>Melaleuca viridiflora</i> Broad-Leaf Tea-Tree; Niaouli	1	
<i>Melaleuca alternifolia</i> Teatree	2	
<i>Melia azedarach</i> Chinaberry	1	
<i>Melissa officinalis</i> Bee Balm; Lemonbalm; Melissa; Balm	2	26.0
<i>Mentha x rotundifolia</i> Applemint	1	300.0
<i>Mentha x piperita</i> Peppermint	1	
<i>Mentha spicata</i> Hortela da Folha Miuda; Spearmint	1	
<i>Mentha pulegium</i> European Pennyroyal	2	320.0
<i>Mentha longifolia</i> Biblical Mint	1	1500.0
<i>Mentha aquatica</i> Water Mint	1	
<i>Micromeria varia</i> Madeiran 'Hyssop'	1	
<i>Micromeria teneriffae</i>	1	
<i>Micromeria myrtifolia</i> Topukcayi; Dagcayi; Haydarotu	1	
<i>Micromeria fruticosa</i> Zuta; Tea Hyssop; Zopha	1	
<i>Micromeria croatica</i>	1	
<i>Micromeria congesta</i> Kaya Yarpuzu	1	
<i>Minthostachys mollis</i> Tipo; Muna	1	
<i>Moldavica thymiflora</i> Thyme-Flowered Moldavica	1	
<i>Monarda punctata</i> Horsemint	1	
<i>Monarda media</i> Mean Monarda	1	2884.0
<i>Monarda fistulosa</i> Wild Bergamot	2	806.0
<i>Monarda didyma</i> Beebalm; Oswego Tea	1	2856.0
<i>Monarda citriodora</i> Lemon Mint	1	
<i>Murraya koenigii</i> Curry Leaf Tree; Indian Curry Tree; Curry Leaf	1	
<i>Myristica fragrans</i> Mace; nogal moscado (Sp.); nuez moscada (Sp.); Nutmeg; Muskatnussbaum (Ger.)	1	105760.0
<i>Myrtus communis</i> Myrte (Ger.); Arrayan (Sp.); Myrtle; Mirto (Sp.)	2	
<i>Nepeta racemosa</i> Catmint	1	
<i>Nepeta cataria</i> Catnip	2	
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	2	
<i>Ocimum gratissimum</i> Agbo; Shrubby Basil	2	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Cuban Basil; Basil; Sweet Basil	3	14600.0
<i>Oenanthe aquatica</i> Water Hemlock; Water Fennel	1	
<i>Origanum vulgare</i> European Oregano; Pot Marjoram; Wild Marjoram; Common Turkish Oregano; Wild Oregano; Oregano	2	4192.0

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<i>Origanum sipyleum</i> Bayircayi; Guveyoto	1	
<i>Origanum onites</i> Pot Marjoram; Oregano	1	
<i>Origanum minutiflorum</i> Small-Flowered Oregano	1	
<i>Origanum majorana</i> Marjoram; Sweet Marjoram	2	7930.0
<i>Panax ginseng</i> Korean Ginseng; Chinese Ginseng; Oriental Ginseng; Ginseng	1	
<i>Pastinaca sativa</i> Parsnip	1	
<i>Pelargonium roseum</i> Scented Geranium	1	
<i>Pelargonium citrosum</i> Citrosa	1	
<i>Perilla frutescens</i> Perilla	1	
<i>Petroselinum crispum</i> Parsley	1	2381.08
<i>Peumus boldus</i> Boldo	2	400.0
<i>Pilocarpus microphyllus</i> Maranhao Jaborandi	1	180.0
<i>Pimenta racemosa</i> West Indian Bay; Bayrum Tree	3	
<i>Pimenta dioica</i> Pimenta; Allspice; Pimento; Jamaica-Pepper; Clover-Pepper	1	
<i>Pimpinella anisum</i> Anise; Sweet Cumin	1	2.0
<i>Pinus sylvestris</i> Scotch Pine	2	
<i>Piper nigrum</i> White Pepper; Black Pepper; Pepper	2	
<i>Piper cubeba</i> Cubeb Pepper; Cubeb	1	18400.0
<i>Piper auritum</i> Hierba Santa; Hoja Santa; Cordoncillo	1	
<i>Polianthes tuberosa</i> Tuberose	1	
<i>Porophyllum ruderale</i> Quilquina	1	
<i>Psidium guajava</i> Guava	1	
<i>Pycnanthemum virginianum</i> Virginia Mountain Mint	1	12.0
<i>Pycnanthemum verticillatum</i> Whorled Mountain Mint	1	42.0
<i>Pycnanthemum torreyi</i> Torrey's Mountain Mint	1	20.0
<i>Pycnanthemum tenuifolium</i> Slenderleaf Mountain Mint	1	720.0
<i>Pycnanthemum setosum</i> Setose Mountain Mint	1	930.0
<i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint	1	3712.0
<i>Pycnanthemum pilosum</i> Pilose Mountain Mint	1	280.0
<i>Pycnanthemum muticum</i> Muticous Mountain Mint	1	100.0
<i>Pycnanthemum montanum</i> Montane Mountain Mint	1	336.0
<i>Pycnanthemum loomisii</i> Loomis' Mountain Mint	1	14448.0
<i>Pycnanthemum incanum</i> Hoary Mountain Mint	1	76.0
<i>Pycnanthemum curvipes</i> Curved Mountain Mint	1	42.0
<i>Pycnanthemum clinopodioides</i> Clinopod Mountain Mint	1	484.0
<i>Pycnanthemum californicum</i> California Mountain Mint	1	360.0
<i>Pycnanthemum beadleii</i> Beadle's Mountain Mint	1	14.0
<i>Pycnanthemum albescens</i> White Mountain Mint	1	1080.0
<i>Ribes nigrum</i> Black Currant	1	
<i>Robinia pseudoacacia</i> Black Locust	1	
<i>Rosa gallica</i> French Rose	2	72.0
<i>Rosmarinus x mendizabalii</i> Mendizabali's Rosemary	1	

Plant	# Chemicals	Total PPM
<i>Rosmarinus x lavandulaceus</i> Lavender Rosemary	1	
<i>Rosmarinus tomentosus</i> Hairy Rosemary	1	
<i>Rosmarinus officinalis</i> Rosemary	2	380.0
<i>Rosmarinus eriocalyx</i> Rosemary	1	
<i>Salvia sclarea</i> Clary Sage	2	2400.0
<i>Salvia officinalis</i> Sage	2	112.0
<i>Salvia dorisiana</i> 'Honduran' Sage	1	
<i>Salvia canariensis</i> Canary Island Sage	1	
<i>Sassafras albidum</i> Sassafras	2	
<i>Satureja obovata</i> Savory; Iberian Savory	2	
<i>Satureja montana</i> Savory; Winter Savory	2	
<i>Satureja hortensis</i> Summer Savory	2	
<i>Satureja grandiflora</i> French Savory	1	
<i>Satureja douglasii</i> Douglas' Savory	1	52.0
<i>Satureja cuneifolia</i> Cuneate Turkish Savory	1	
<i>Satureja cilicica</i> Turkish Savory	1	
<i>Sideritis scardica</i> Balkan Sideritis	1	
<i>Sideritis pauli</i> El Molinillo Sideritis	1	
<i>Sideritis mugronensis</i>	2	
<i>Sideritis germanicolpitana</i>	1	
<i>Sideritis athoa</i> Kedi Kuyruğu Cayı	1	
<i>Skimmia arborescens</i> Skimmia	2	
<i>Stachys germanica</i> Downy Woundwort	1	28.0
<i>Stachytarpheta cayennensis</i> Verbena	1	
<i>Stevia rebaudiana</i> Stevia; Ca-A-E; Sweet Leaf of Paraguay	1	
<i>Tagetes minuta</i> Stinking-Roger; Dwarf Marigold; Wild Marigold; Aztec Marigold; Mexican Marigold; Muster John Henry	2	
<i>Tamarindus indica</i> Indian Tamarind; Kilytree; Tamarind	1	
<i>Tanacetum vulgare</i> Tansy	1	1400.0
<i>Tanacetum parthenium</i> Feverfew	1	
<i>Telosma cordata</i> Merrill flowers	1	
<i>Teucrium scorodonia</i> Germander; Wood Germander	1	
<i>Teucrium salviastrum</i>	1	
<i>Teucrium pseudoscorodonia</i>	1	
<i>Teucrium polium</i> Iberian Golden Germander; Golden Germander	1	
<i>Teucrium oxylepis</i>	1	
<i>Teucrium micropodioides</i> Small 'Cyprus' Germander	2	
<i>Teucrium kotschyanum</i> Stavros Kotschy's Germander	2	
<i>Teucrium gnaphalodes</i> Iberian Germander	1	
<i>Teucrium divaricatum</i> Hoary Divaricate Germander	2	
<i>Teucrium cyprum</i> 'Cyprus' Germander	2	
<i>Teucrium asiaticum</i>	1	
<i>Thuja occidentalis</i> Arbor-Vitae; Northern White-Cedar	1	

Plant	# Chemicals	Total PPM
<i>Thymus zygis</i> Spanish Thyme	1	
<i>Thymus x citriodorus</i> Lemon Thyme; Funk's thyme	2	
<i>Thymus vulgaris</i> Garden Thyme; Thyme; Common Thyme	1	
<i>Thymus serpyllum</i> Creeping Thyme	2	38.0
<i>Thymus riatarum</i> 'Moroccan' Thyme	1	
<i>Thymus mastichina</i> Spanish Marjoram	1	220.0
<i>Thymus longicaulis</i> Tas Kekik; Kekik	2	
<i>Thymus funkii</i> Funk's Thyme	2	
<i>Thymus capitatus</i> 'Sicilian' Thyme; Spanish Thyme; Spanish Origanum	1	20.0
<i>Tilia</i> sp. Basswood; Linden; Lime	1	
<i>Trichostemma dichotomum</i> Blue Curls	1	
<i>Umbellularia californica</i> California Bay	1	3840.0
<i>Urtica dioica</i> Stinging Nettle; European Nettle	1	
<i>Vaccinium myrtillus</i> Bilberry; Dwarf Bilberry; Whortleberry	1	
<i>Vaccinium corymbosum</i> Blueberry	1	0.16
<i>Valeriana officinalis</i> Valerian; Common Valerian; Garden-Heliotrope	1	
<i>Verbena officinalis</i> Vervain	1	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Vitis vinifera</i> Vid (Sp.); Grape; Vigne Vinifere (Fr.); European Grape; Grapevine; Weinrebe (Ger.); Parra (Sp.); Wine Grape	1	
<i>Zanthoxylum alatum</i> Wartara Oil Tree; Indian Prickly Ash	2	
<i>Zingiber officinale</i> Ginger	3	27055.0