

A Vibriocide

*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
<i>Achillea millefolium</i> Yarrow; Milfoil	2	4660.0
<i>Acinos suaveolens</i>	2	
<i>Acinos alpinus</i> Te de Sierra Nevada	1	
<i>Acorus calamus</i> Sweetflag; Calamus; Myrtle Flag; Sweet Calamus; Flagroot; Sweetroot	2	
<i>Allium sativum</i> var. <i>sativum</i> Garlic	1	55600.0
<i>Allium cepa</i> Onion; Shallot	1	
<i>Alpinia officinarum</i> Lesser Galangal; Chinese Ginger	1	
<i>Alpinia galanga</i> Siamese Ginger; Languas; Greater Galangal	1	
<i>Amomum compactum</i> Round Cardamom; Chester Cardamom; Java Cardamom; Siam Cardamom	1	
<i>Anethum graveolens</i> Dill; Garden Dill	1	
<i>Annona squamosa</i> Sugar-Apple; Sweetsop	1	
<i>Apium graveolens</i> Celery	1	2.0
<i>Artemisia vulgaris</i> Mugwort	1	
<i>Artemisia salsoloides</i>	1	
<i>Artemisia herba-alba</i> Desert Wormwood	1	1546.0
<i>Artemisia dracunculus</i> Tarragon	2	1400.0
<i>Artemisia annua</i> Sweet Annie; Annual Mugwort (GRIN); Annual Wormwood (GRIN); Sweet Wormwood (GRIN); Qinghao	2	15180.0
<i>Brassica oleracea</i> var. <i>capitata</i> l. Cabbage; White Cabbage; Red Cabbage	1	
<i>Calamintha nepeta</i> Calamint	2	
<i>Camellia sinensis</i> Tea	1	
<i>Cannabis sativa</i> Hemp; Marihuana; Indian Hemp; Marijuana	1	
<i>Capsicum frutescens</i> Spur Pepper; Hot Pepper; Red Chili; Tabasco; Chili; Cayenne	1	
<i>Carum carvi</i> Carum; Comino de Prado (Sp.); Caraway; Kummel (Ger.); Comino (Sp.)	1	
<i>Chrysanthemum x morifolium</i> Ju Hua (Pinyin); Florist's Chrysanthemum; Chrysanthemum; Mum	1	
<i>Chrysanthemum parthenium</i> Feverfew	1	
<i>Cinnamomum verum</i> Ceylon Cinnamon; Cinnamon	2	60000.0
<i>Cinnamomum camphora</i> Ho Leaf; Camphor	1	440000.0
<i>Cinnamomum aromaticum</i> Canela de la China (Sp.); China Junk Cassia; Chinesischer Zimtbaum (Ger.); Kashia-Keihi (Jap.); Zimtcassie (Ger.); Cannelier de Chine (Fr.); Cannelier Casse (Fr.); Chinese Cassia; Canelero chino (Sp.); Cassia; Cassia Bark; Cassia Lignea; Canelle de Cochinchine (Fr.); Saigon Cinnamon; Chinazimt (Ger.); Chinese Cinnamon	1	22450.0
<i>Citrus sinensis</i> Orange	1	4.0
<i>Citrus reticulata</i> Tangerine; Mandarin	1	20.0
<i>Citrus paradisi</i> Grapefruit	1	
<i>Citrus mitis</i> Calamansi; Calamondin	1	
<i>Citrus limon</i> Lemon	1	
<i>Citrus aurantiifolia</i> Lime	1	
<i>Cleonia lusitanica</i> Spanish Heal-All	1	
<i>Cnicus benedictus</i> Blessed Thistle	1	
<i>Cocos nucifera</i> Cocotero (Sp.); Coconut; Kokospalme (Ger.); Nariyal; Coconut Palm; Copra	1	
<i>Commiphora myrrha</i> Myrrh; African Myrrh; Somali Myrrh; Herabol Myrrh; Myrrhe (Fr., Ger.); Mirra (Sp. It.)	1	

Plant	# Chemicals	Total PPM
<i>Coriandrum sativum</i> Cilantro; Coriander; Chinese Parsley	1	2600.0
<i>Crocus sativus</i> Saffron	1	
<i>Cuminum cyminum</i> Cumin	1	672.0
<i>Curcuma longa</i> Indian Saffron; Turmeric	1	
<i>Cymbopogon nardus</i> Citronella; Ceylon Citronella	3	3024.0
<i>Daucus carota</i> Carrot	1	
<i>Elettaria cardamomum</i> Cardamom	1	40.0
<i>Elsholtzia cristata</i> Furan Chemotype	1	
<i>Elytrigia repens</i> Doggrass; Quackgrass; Wheatgrass; Twitchgrass; Couchgrass	1	
<i>Ficus carica</i> Higo (Sp.); Fig; Figueira (Port.); Higuera Comun (Sp.); Feigenbaum (Ger.); Echte Feige (Ger.); Fico (Ital.); Figuier Commun (Fr.)	1	
<i>Foeniculum vulgare</i> Fennel	1	360.0
<i>Glechoma hederacea</i> Alehoof	1	
<i>Glycyrrhiza glabra</i> Commom Licorice; Smooth Licorice; Licorice-Root; Licorice	1	
<i>Hedeoma reverchonii</i> Reverchon's Pennyroyal	1	62.0
<i>Hedeoma pulegioides</i> American Pennyroyal	1	60.0
<i>Hedeoma drummondii</i> Drummond's Pennyroyal	2	1592.0
<i>Helianthus annuus</i> Sunflower; Girasol	1	
<i>Hyacinthus orientalis</i> Hyacinth	1	13.8
<i>Hyptis suaveolens</i> Wild Hops	2	
<i>Hyssopus officinalis</i> Hyssop	1	9040.0
<i>Juniperus communis</i> Juniper; Common Juniper	2	58.0
<i>Lantana camara</i> Wild Sage; Lantana	1	
<i>Larrea tridentata</i> Creosote Bush; Chaparral	1	
<i>Laurus nobilis</i> Laurel; Grecian Laurel; Bay; Bay Laurel; Sweet Bay; Bayleaf	1	
<i>Lavandula x intermedia</i> Dutch Lavender; Lavandin	1	3240.0
<i>Lavandula x hybrida</i> Hybrid Lavender	1	
<i>Lavandula sp</i> Lavender	2	
<i>Lavandula latifolia</i> Aspic; Spike Lavender; Broad-Leaved Lavender	1	6600.0
<i>Lavandula angustifolia</i> English Lavender	1	
<i>Lepechinia calycina</i> Epling's Lepechinia	1	1750.0
<i>Levisticum officinale</i> Lovage	2	20.0
<i>Lippia dulcis</i> Sweet Herb	1	
<i>Lippia alba</i> White Lippia	1	
<i>Lycopersicon esculentum</i> Tomato	1	
<i>Magnolia kobus</i> Xin-Yi; Hsin-I	1	
<i>Magnolia fargesii</i> Xin-Yi; Hsin-I	1	
<i>Malus domestica</i> Apple	1	
<i>Melaleuca bracteata</i> Bracteate Tea-Tree	1	
<i>Melaleuca alternifolia</i> Teatree	1	
<i>Mentha x rotundifolia</i> Applemint	1	160.0
<i>Mentha x piperita</i> Peppermint	1	26750.0

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<i>Mentha spicata</i> Spearmint; Hortela da Folha Miuda	2	1150.0
<i>Mentha sp</i> Mint	1	
<i>Mentha pulegium</i> European Pennyroyal	1	7560.0
<i>Mentha longifolia</i> Biblical Mint	1	920.0
<i>Mentha arvensis</i> var. <i>piperascens</i> Japanese Mint; Cornmint; Field Mint	1	50035.0
<i>Mentha aquatica</i> Water Mint	1	7140.0
<i>Micromeria thymifolia</i>	2	
<i>Micromeria myrtifolia</i> Topukcayi; Dagcayi; Haydarotu	1	
<i>Micromeria juliana</i>	1	
<i>Micromeria fruticosa</i> Zuta; Tea Hyssop; Zopha	1	
<i>Micromeria croatica</i>	1	
<i>Minthostachys mollis</i> Tipo; Muna	1	
<i>Myroxylon balsamum</i> Tolu Balsam; Peru Balsam	1	
<i>Myrtus communis</i> Arrayan (Sp.); Myrtle; Mirto (Sp.); Myrte (Ger.)	1	36.0
<i>Nepeta racemosa</i> Catmint	1	
<i>Nepeta cataria</i> Catnip	1	160.0
<i>Ocimum tenuiflorum</i> Anise-Scented Basil	1	
<i>Ocimum kilimandscharicum</i> Kenyan Perennial Basil; African Blue Basil	1	
<i>Ocimum gratissimum</i> Shrubby Basil; Agbo	1	
<i>Ocimum canum</i> Hoary Basil	1	
<i>Ocimum basilicum</i> Sweet Basil; Cuban Basil; Basil	2	126.0
<i>Ononis spinosa</i> Spiny Restharrow; Restharrow; Hauhechel (Ger.)	1	
<i>Origanum vulgare</i> Wild Marjoram; Pot Marjoram; Common Turkish Oregano; European Oregano; Oregano; Wild Oregano	1	80.0
<i>Origanum syriacum</i> Za'Atar	1	
<i>Origanum sipyleum</i> Guveyoto; Bayircayi	1	
<i>Origanum onites</i> Pot Marjoram; Oregano	1	
<i>Origanum creticum</i> Dittany Of Crete	1	
<i>Pelargonium graveolens</i> Rose Geranium; Scented Geranium	1	3704.0
<i>Perilla frutescens</i> Perilla	1	1650.0
<i>Peumus boldus</i> Boldo	1	300.0
<i>Pimenta racemosa</i> Bayrum Tree; West Indian Bay	1	
<i>Pimenta dioica</i> Clover-Pepper; Pimenta; Jamaica-Pepper; Allspice; Pimento	1	
<i>Piper nigrum</i> Pepper; Black Pepper; White Pepper	2	
<i>Piper auritum</i> Hierba Santa; Hoja Santa; Cordoncillo	1	
<i>Pogostemon cablin</i> Patchouli	1	
<i>Pycnanthemum virginianum</i> Virginia Mountain Mint	1	6032.0
<i>Pycnanthemum tenuifolium</i> Slenderleaf Mountain Mint	2	1320.0
<i>Pycnanthemum setosum</i> Setose Mountain Mint	1	
<i>Pycnanthemum pycnanthemoides</i> Typical Mountain Mint	1	232.0
<i>Pycnanthemum pilosum</i> Pilose Mountain Mint	1	2800.0
<i>Pycnanthemum muticum</i> Muticous Mountain Mint	1	900.0
<i>Pycnanthemum montanum</i> Montane Mountain Mint	2	7824.0

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<i>Pycnanthemum incanum</i> Hoary Mountain Mint	1	1596.0
<i>Pycnanthemum clinopodioides</i> Clinopod Mountain Mint	2	440.0
<i>Pycnanthemum beadlei</i> Beadle's Mountain Mint	1	280.0
<i>Rheum palmatum</i> Chinese Rhubarb	1	
<i>Rhododendron dauricum</i> Chinese Alpenrose	2	
<i>Rosmarinus x mendizabalii</i> Mendizabali's Rosemary	1	
<i>Rosmarinus x lavandulaceus</i> Lavender Rosemary	1	
<i>Rosmarinus tomentosus</i> Hairy Rosemary	1	
<i>Rosmarinus officinalis</i> Rosemary	1	11600.0
<i>Rosmarinus eriocalyx</i> Rosemary	1	
<i>Salvia triloba</i> Greek Sage	1	10080.0
<i>Salvia sclarea</i> Clary Sage	1	
<i>Salvia officinalis</i> Sage	2	18648.0
<i>Salvia gilliesii</i> 'Cordoba' Sage	1	
<i>Salvia dorisiana</i> 'Honduran' Sage	1	
<i>Salvia canariensis</i> Canary Island Sage	1	
<i>Sassafras albidum</i> Sassafras	1	
<i>Satureja parvifolia</i> Small-Leaf Pampa Savory	1	
<i>Satureja odora</i> Scented Pampa Savory	1	
<i>Satureja obovata</i> Iberian Savory; Savory	1	
<i>Satureja montana</i> Savory; Winter Savory	1	
<i>Satureja hortensis</i> Summer Savory	1	
<i>Satureja grandiflora</i> French Savory	1	
<i>Satureja douglasii</i> Douglas' Savory	1	11882.0
<i>Schinus molle</i> Mastic-Tree; California Peppertree; Peruvian Peppertree	1	
<i>Sideritis scardica</i> Balkan Sideritis	2	
<i>Sideritis pauli</i> El Molinillo Sideritis	1	
<i>Sideritis athoa</i> Kedi Kuyrugu Cayi	1	
<i>Stevia rebaudiana</i> Ca-A-E; Stevia; Sweet Leaf of Paraguay	1	
<i>Syzygium aromaticum</i> Clovetree; Clove	1	2.0
<i>Tamarindus indica</i> Indian Tamarind; Tamarind; Kilytree	1	
<i>Tanacetum vulgare</i> Tansy	1	3600.0
<i>Tanacetum parthenium</i> Feverfew	1	
<i>Teucrium scorodonia</i> Wood Germander; Germander	1	
<i>Teucrium salviastrum</i>	1	
<i>Teucrium pseudoscorodonia</i>	1	
<i>Teucrium polium</i> Golden Germander	1	
<i>Teucrium oxylepis</i>	1	
<i>Teucrium gnaphalodes</i> Iberian Germander	1	
<i>Teucrium asiaticum</i>	1	
<i>Thuja occidentalis</i> Northern White-Cedar; Arbor-Vitae	1	
<i>Thymus zygis</i> Spanish Thyme	1	

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<i>Thymus x citriodorus</i> Funk's thyme; Lemon Thyme	1	
<i>Thymus vulgaris</i> Common Thyme; Garden Thyme; Thyme	1	
<i>Thymus saturejoides</i> Moroccan Savory Thyme	1	
<i>Thymus riatarum</i> 'Moroccan' Thyme	1	
<i>Thymus orospedanus</i> Orosped Thyme	1	1436.0
<i>Thymus mastichina</i> Spanish Marjoram	1	900.0
<i>Thymus longicaulis</i> Kekik; Tas Kekik	1	
<i>Thymus funkii</i> Funk's Thyme	1	
<i>Thymus cilicicus</i> 'Anatolian' Thyme	1	
<i>Thymus capitatus</i> 'Sicilian' Thyme; Spanish Origanum; Spanish Thyme	1	
<i>Thymus broussonettii</i> Moroccan Thyme	1	
<i>Vaccinium myrtillus</i> Bilberry; Whortleberry; Dwarf Bilberry	1	
<i>Vanilla planifolia</i> Bourbon Vanilla; Vanilla	1	
<i>Vitex agnus-castus</i> Chaste-Tree	1	
<i>Vitis vinifera</i> Grapevine; Grape; Vid (Sp.); Wine Grape; Vigne Vinifere (Fr.); Weinrebe (Ger.); Parra (Sp.); European Grape	1	
<i>Zea mays</i> Corn	1	
<i>Zingiber officinale</i> Ginger	1	120.0