

# A Collagenase-Inhibitor

\*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
Acacia melanoxylon Blackwood	1	
Allium sativum var. sativum Garlic	1	
Alnus glutinosa Black Alder	1	
Aloe vera Aloe; Bitter Aloes	1	
Annona cherimola Cherimoya	1	
Boehmeria nivea Ramie	1	
Cassia tora Sickle Senna	1	
Cinnamomum verum Cinnamon; Ceylon Cinnamon	1	
Cinnamomum sieboldii Japanese Cinnamon	1	
Cinnamomum aromaticum Kashia-Keihi (Jap.); Cassia Lignea; Canelero chino (Sp.); Chinazimt (Ger.); Chinesischer Zimtbaum (Ger.); Canelle de Cochinchine (Fr.); China Junk Cassia; Saigon Cinnamon; Zimtcassie (Ger.); Cannelier de Chine (Fr.); Cassia; Canela de la China (Sp.); Cassia Bark; Chinese Cinnamon; Cannelier Casse (Fr.); Chinese Cassia	1	
Crataegus monogyna Hawthorn; English Hawthorn	1	
Crataegus laevigata Woodland Hawthorn; English Hawthorn; Whitethorn; Hawthorn	1	
Croton lechleri Sangre de Grado; Sangre de Dragon; Dragons Blood; Sangre de Drago	1	
Erythroxylum coca Coca	1	
Fagopyrum esculentum Buckwheat	1	
Fallopia japonica Mexican Bamboo; Hu-Zhang; Japanese Knotweed; Giant Knotweed	1	13400.0
Frangula purshiana Cascara Buckthorn; Cascara Sagrada	1	
Frangula alnus Buckthorn	1	
Ginkgo biloba Maidenhair Tree; Ginkgo	1	
Hibiscus sabdariffa Acedera de Guinea (Sp.); Indian Sorrel; Roselle; Sereni (Sp.); Sorrel; Malventee (Ger.); Rosa de Jamaica (Sp.); Jamaica Sorrel; Rosella (Ger.); Red Sorrel; Kharkadi	1	
Humulus lupulus Hops	1	
Hypericum perforatum Goatweed; Klamath Weed; Common St. Johnswort; Hypericum; St. John's-wort	2	
Illicium verum Chinesischer Sternanis (Ger.); Chinese Star Anise; anis de China (Sp.); Sternanis (Ger.); anis estrellado (Sp.); Star Anise	1	
Krameria triandra Rhatany	2	
Laurus nobilis Grecian Laurel; Bayleaf; Laurel; Sweet Bay; Bay Laurel; Bay	1	
Malus domestica Apple	1	
Persea americana Avocado	1	
Pimenta dioica Jamaica-Pepper; Clover-Pepper; Allspice; Pimenta; Pimento	1	
Polygonum multiflorum Fleeceflower; Chinese Cornbind; Chinese Knotweed; Fo Ti; He Shou Wu	1	
Portulaca oleracea Verdolaga; Purslane	1	20.0
Prunus armeniaca Apricot	1	
Rheum rhabarbarum Rhubarb	1	
Rheum palmatum Chinese Rhubarb	1	
Rheum officinale Chinese Rhubarb	1	
Rumex crispus Curly Dock; Lengua De Vaca; Sour Dock; Yellow Dock	1	
Rumex acetosella Sheep Sorrel	1	
Rumex acetosa Garden Sorrel	1	

Plant	# Chemicals	Total PPM
<i>Senna occidentalis</i> Coffee Senna	1	
<i>Senna obtusifolia</i> Sicklepod	1	3600.0
<i>Senna alata</i> Ringworm Bush	1	
<i>Theobroma cacao</i> Cacao	1	
<i>Vitis vinifera</i> Parra (Sp.); Wine Grape; European Grape; Vid (Sp.); Grape; Weinrebe (Ger.); Grapevine; Vigne Vinifere (Fr.)	2	