

# C AMINO-ACIDS

## Chemid

### AMINOACIDS

\*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	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Plant	--	--		--
Aesculus hippocastanum	Leaf	--	--		Jim Duke's personal files.
Camellia sinensis	Leaf	40000	53000	-0.32888382504822705	--
Ceratonia siliqua	Seed	432400	432400	1	--
Citrullus lanatus	Seed	--	--		--
Commiphora wightii	Plant	--	--		Jim Duke's personal files.
Lentinus edodes	Fruit	--	--		--
Lycium barbarum	Fruit	80000	188000	1	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Lycium barbarum	Leaf	4700	170000	1.3556079682091449	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Lycium chinense	Fruit	--	53000	-1	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Oenothera biennis	Seed	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Panax ginseng	Root	--	--		--
Panax ginseng	Tissue Culture	--	--		--
Panax ginseng	Flower	--	--		--
Panax quinquefolius	Root	--	--		--
Panax quinquefolius	Leaf	--	--		--
Panax quinquefolius	Seed	--	--		--
Panax quinquefolius	Stem	--	--		--
Panax quinquefolius	Flower	--	--		--
Pinus strobus	Leaf	4530	4530	-1.026724143160918	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus strobus	Seed	4620	4620	-1	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum tuberosum	Tissue Culture	--	--		--
Zea mays	Fruit	--	--		--