

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PETROSELINIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Foeniculum vulgare	Seed Essent. Oil				Jim Duke's personal files.
Foeniculum vulgare	Seed Oil				Jim Duke's personal files.
Picrasma quassioides	Wood				--
Anethum graveolens	Plant				--
Ammi visnaga	Plant				--
Petroselinum crispum	Fruit				--
Petroselinum crispum	Seed Oil				--
Coriandrum sativum	Seed Oil				--
Angelica archangelica	Fruit				--
Myrrhis odorata	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cuminum cyminum	Seed Oil				--
Momordica charantia	Seed Oil				Jim Duke's personal files.
Nepeta cataria	Seed Oil				--
Panax quinquefolius	Plant				--
Apium graveolens	Seed Oil				--
Angelica archangelica	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Carum carvi	Seed Oil				--
Aralia spinosa	Fruit		11.3	-1.3341303918212861	Ratnayake, S., McLaughlin, J. L. 1993. Petroselinic Acid from the Ripe Berries of Aralia spinosa. Int. J. Pharmacog., 31(1): 35-37.
Carum carvi	Plant		33020.0		--
Anthriscus cerefolium	Seed		53300.0	-2.0938686032655838	--
Coriandrum sativum	Fruit	40700.0	111300.0	0.26077456937086446	--
Pastinaca sativa	Seed	79580.0	132500.0	-1.7539650873288888	--
Foeniculum vulgare	Fruit	72000.0	168000.0	1.0733558224504218	--
Petroselinum crispum	Seed	100000.0	300000.0	-1.0351034848112577	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Carum carvi	Seed	40000.0	354000.0	-0.8033510875816932	--
Angelica archangelica	Seed		427000.0	-0.4900561802158002	--
Pimpinella anisum	Seed	18800.0	489000.0	-0.22397009450778158	--
Cuminum cyminum	Seed		522000.0	-0.08234362953415873	--
Apium graveolens	Seed	2400.0	657000.0	0.49703736353975286	--
Aralia spinosa	Seed		711000.0	0.7287897607693176	Kleiman, R., Spencer, G. F. 1982. Search for New Industrial Oils: 16. Umbelliflorae-Seed Oils Rich in Petroselinic Acid. J. Amer. Oil Chem. Soc., 59: 29-32.
Daucus carota	Seed		712000.0	0.7330814718291243	--
Coriandrum sativum	Seed		718000.0	0.7588317381879648	--
Foeniculum vulgare	Seed	72000.0	729000.0	0.8060405598458391	--
Myrrhis odorata	Seed		732000.0	0.8189156930252594	--
Ferula assa-foetida	Seed		765000.0	0.9605421579988822	--
Anethum graveolens	Seed		816000.0	1.179419422049027	--