

# P Eruca sativa

## Common Name(s)

Achnef (Berber; BOU), Ackerrauke (Ger.; MAD), Ai'afein (Arab.; BOU), Ai'sha (Arab.; BOU), Aruca (Malta; KAB), Arugula (Eng.; FAC; USN), Assu (Punjab; SKJ), Baglet (Arab.; BOU), Bhutaghna (Sansk.; SKJ), Bimbata (Sansk.; KAB), Bou kahli (Arab.; BOU), Chara (Kumaon; DEP), Daradharsha (Sansk.; KAB), Djerdjir (Arab.; BOU), Dua (Kumaon; DEP), Duan (Nwp; KAB), Eihukan (Iran; NAD), Eruca (Malta; KAB), Euzomon (Greece; EB54:155), Garden Rocket (Eng.; USN), Gargir (Arab.; Hebrew; BOU), Gery (Arab.; BOU), Grahagna (Sansk.; KAB), Horf (Arab.; BOU), Izgin (Turkey; EB54:155), Jamba (India), Jambeh (Iran; DEP; KAB), Jambeho (Sind.; KAB), Jambho (Sind.; DEP), Jamnia (Punjab; DEP), Kadamba (Sansk.; KAB), Kadambaka (Sansk.; KAB), Kerkas (Arab.; BOU), Kibana suzushiro (Jap.; TAN), Lalu (Nwp.; KAB), Lamba (India; USN), Mandao (Afg.; DEP; KAB), Mulai (Loralai; KAB), Olrauque (Ger.; USN), Oroth (Bible; EB52:394), Oruga comun (Sp.; USN), Piao erh ts'ai (Chi.; TAN), Rabano silvestre (It.; Port.), Rajakshavaka (Sansk.; KAB), Rajika (Sansk.; KAB), Rakshitaphala (Sansk.; KAB), Rawk (Arab.; BOU), Rocket (Eng.; BOU), Rocket Salad (Eng.; USN), Roqueta (Sp.; USN), Roquette (Eng.; Fr.; BOU), Roquette cultivee (Fr.; KAB), Roquette des jardins (Fr.;KAB), Roquette vraie (Fr.; BOU), Rouka (Arab.; BOU), Ruca (Catalan; KAB), Rucheta (Malta; KAB), Rucola (It.; Malta; Sp.), Rugula (Eng.; USN), Ruke (Ger.; USN), Sahwan (Nwp.; KAB), Salad Rocket (Eng.; USN), Sarishapa (Sansk.; KAB), Sarshapa (Sansk.; KAB), Senfrauke (Ger.; USN), Sfed sarson (Hindi; MPI), Shiltam (Arab.; BOU), Shwetsursha (Bengal; SKJ), Siddartha (Sansk.; DEP; SKJ), Sidhaprayojana (Sansk.; KAB), Sidharta (Sansk.; KAB), Suffed shorshi (Bengal; DEP), Tanakfail (Berber; BOU), Tantubha (Sansk.; KAB), Tantuka (Sansk.; KAB), Tara (Nwp.; Punjab; KAB; SKJ), Taramira (India; Nwp.), Thorfel (Berber; BOU), Tira (Nwp.; DEP; KAB), Tuverika (Sansk.; KAB), Uragandha (Sansk.; KAB)

## How Used

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Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	1-OCTEN-3-OL	Hs	--	--	
0	2-ACETYLTHIAZOLE	Hs	--	--	
0	2-METHYL-ANISOL	Hs	--	--	
1	2-OCTANOL	Hs	--	--	
0	2-PENTYL-FURANE	Hs	--	--	
2	3-OCTANOL	Hs	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	3-OCTANONE	Hs	--	--	
0	4-MERCAPTOBUTYL-GLUCOSINOLATE	Leaf	--	--	
0	4-METHYL-SULFINYL-GLUCOSINOLATE	Leaf	--	--	
0	4-METHYL-THIO-BUTYL-GLUCOSINOLATE	Leaf	--	--	
0	4-METHYLTHIOBUTYL-ISOTHIOCYANATE	Hs	--	--	
1	4-PENTENYL-ISOTHIOCYANATE	Hs	--	--	
0	5-METHYLTHIO-PENTANENITRILE	Hs	--	--	
0	5-METHYLTHIO-PENTYL-ISOTHIOCYANATE	Hs	--	--	
6	ACETALDEHYDE	Hs	--	--	
16	ACETIC-ACID	Hs	--	--	
6	ACETOPHENONE	Hs	--	--	
0	ALKALOIDS	Seed	--	--	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
16	ALLYL-ISOTHIOCYANATE	Hs	--	--	
0	ASH	Seed	--	48000	0.003605897683216254
1	BEHENIC-ACID	Seed	4725	7370	0.011938566371308999
24	BENZALDEHYDE	Hs	--	--	
9	BENZYL-ALCOHOL	Hs	--	--	
17	BENZYL-BENZOATE	Hs	--	--	
0	BETA-CARYOPHYLLENE	Hs	--	--	
0	BETA-CITRONELLOL	Hs	--	--	
0	BETA-FARNESOL	Hs	--	--	
1	CARVEOL	Hs	--	--	
19	CARVONE	Hs	--	--	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	CIS-3-HEXENYL-2-METHYLBUTANOATE	Hs	--	--		
0	CIS-3-HEXENYL-ACETATE	Hs	--	--		
0	CIS-3-HEXENYL-BUTANOATE	Hs	--	--		
0	CIS-HEXEN-1-OL	Hs	--	--		
10	CUMINALDEHYDE	Hs	--	--		
0	CUMINYL-ALCOHOL	Hs	--	--		
2	DECANOL	Hs	--	--		
9	DELTA-CADINENE	Hs	--	--		
2	DODECANAL	Hs	--	--		
1	DODECANOL	Hs	--	--		
0	EICOSENOIC-ACID	Seed	16425	34400	1.5382213590576663	
2	ERUCIC-ACID	Seed	75150	161460	0.8881907855146446	
0	FAT	Seed	225000	351000	0.45095118042370613	
6	FURFURAL	Hs	--	--		
0	GLUCOERUCIN	Seed	--	--		
0	HEPTAN-3-OL	Hs	--	--		
1	HEXADECANOL	Hs	--	--		
5	HEXANAL	Hs	--	--		
2	HEXANOIC-ACID	Hs	--	--		
3	HEXANOL	Hs	--	--		
0	HEXYL-OCTANOATE	Hs	--	--		
11	ISORHAMNETIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
1	ISORHAMNETIN-3-GLUCOSIDE	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	LIGNOCERIC-ACID	Seed	4050	6320	0.27875299328731745	
60	LIMONENE	Hs	--	--		
27	LINOLEIC-ACID	Seed	18675	53700	-0.45772668438816433	
0	LINOLENIC-ACID	Seed	32850	69150	0.6273254923866362	
0	METHYL-DODECANOATE	Hs	--	--		
20	METHYL-EUGENOL	Hs	--	--		
0	NONANAL	Hs	--	--		
2	NONANOIC-ACID	Hs	--	--		
0	NONANOL	Hs	--	--		
5	OCTANOIC-ACID	Hs	--	--		
0	OCTANOL	Hs	--	--		
18	OLEIC-ACID	Seed	22700	62475	-0.4655190294199192	
13	PALMITIC-ACID	Seed	9000	18250	-0.3230443334277365	
0	PHYTOSTEROL	Seed	--	560		
0	PROTEIN	Seed	296000	374000	1.2471865879107757	
0	QUERCETIN-3'-(6-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-3,4'-DI-O-BETA-D-GLUCOPYRANOSIDE	Leaf	--	--		
0	QUERCETIN-3,3',4'-TRI-O-BETA-D-GLUCOPYRANOSIDE	Leaf	--	--		
0	QUERCETIN-3-(2-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-3'-(6-SINAPOYL-O-BETA-D-GLUCOPYRANOSYL)-4'-O-BETA-D-GLUCOPYRANOSIDE	Leaf	--	--		
0	SITOSTEROL	Seed	--	500		
8	STEARIC-ACID	Seed	2900	6600	-0.4221924518983293	
0	TETRAHYDROTHIOPHENE	Hs	--	--		
0	TRANS,TRANS-2,4-HEPTADIENAL	Hs	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
4	TRANS-2-HEXENAL	Hs	--	--	
0	TRANS-2-NONENAL	Hs	--	--	
0	TRANS-HEXEN-1-OL	Hs	--	--	
2	UNDECANAL	Hs	--	--	