

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Pimenta dioica*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------------|------------------|----------|----------|-----------------------|--|
| 0 | ALPHA-MUUROLENE | Leaf | | 45.0 | 1.6512122064976056 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 76 | EUGENOL | Fruit | 3500.0 | 36000.0 | 1.4142135623730538 | -- |
| 3 | CHAVICOL | Fruit | 1400.0 | 2400.0 | 1.3851806567213685 | -- |
| 76 | EUGENOL | Leaf Essent. Oil | | 792400.0 | 1.1351063586498586 | -- |
| 16 | VANADIUM | Plant | | 0.2 | 1.0000000000000002 | -- |
| 0 | SPATHULENOL | Fruit | | 60.0 | 1.0 | -- |
| 0 | GLOBULOL | Fruit | | 33.0 | 1.0 | -- |
| 0 | P-CYMEN-8-OL | Fruit | | 18.0 | 1.0 | -- |
| 28 | CALCIUM | Fruit | 7224.0 | 8000.0 | 0.9562048951774965 | -- |
| 0 | CARBOHYDRATE | Plant | 749000.0 | 757000.0 | 0.7647883491334662 | -- |
| 76 | EUGENOL | Leaf | 8348.0 | 12000.0 | 0.593677045891266 | -- |
| 0 | CARBOHYDRATES | Plant | 749000.0 | 757000.0 | 0.544740122808857 | -- |
| 0 | PROTEIN | Fruit | 117000.0 | 134000.0 | 0.328452725551993 | -- |
| 15 | FIBER | Leaf | 175000.0 | 179000.0 | 0.2159757383407224 | -- |
| 0 | EO | Fruit | 20000.0 | 50000.0 | 0.1518886748253213 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 3 | ALPHA-SELINENE | Leaf | | 45.0 | 0.10833579294760737 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | EO | Leaf | 7500.0 | 12500.0 | 0.0848785007274081 | -- |
| 0 | GAMMA-CADINENE | Leaf | | 50.0 | 0.07376501614150445 | -- |
| 0 | ALPHA-P-DIMETHYL-STYRENE | Leaf | | 9.0 | -0.004343651602302643 | -- |
| 47 | BETA-SITOSTEROL | Fruit | 570.0 | 590.0 | -0.01905127369053271 | Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.) |
| 0 | GAMMA-CADINENE | Fruit | | 51.0 | -0.08104963530490027 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|------------|---------|----------|----------------------|---|
| 1 | SODIUM | Fruit | 800.0 | 842.0 | -0.10410487208848104 | -- |
| 53 | BETA-CAROTENE | Fruit | | 4.0 | -0.1430687011995372 | -- |
| 15 | RIBOFLAVIN | Leaf | 2.3 | 3.5 | -0.1614553235659462 | -- |
| 22 | MYRCENE | Leaf | | 20.0 | -0.1654584943659963 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 23 | TERPINEN-4-OL | Fruit | | 1260.0 | -0.1674917163075372 | -- |
| 3 | ALPHA-SELINENE | Fruit | | 315.0 | -0.17833371703484516 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 7 | SALICYLATES | Fruit | 5.0 | 55.0 | -0.1790315119116865 | -- |
| 6 | IRON | Fruit | 60.0 | 85.0 | -0.19031609195369079 | -- |
| 9 | TERPINOLENE | Leaf | | 27.0 | -0.1976999894416478 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | ALLO-AROMADENDRENE | Leaf | | 12.0 | -0.19965840557965248 | -- |
| 28 | ALPHA-PINENE | Leaf | | 20.0 | -0.22324603244709168 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 31 | CARYOPHYLLENE | Leaf | | 760.0 | -0.24358897993110573 | -- |
| 9 | DELTA-CADINENE | Leaf | | 50.0 | -0.24641334861755498 | -- |
| 112 | ASCORBIC-ACID | Leaf | 2012.0 | 2067.0 | -0.2521288359523834 | -- |
| 112 | ASCORBIC-ACID | Fruit | | 426.0 | -0.2580016065709841 | -- |
| 11 | ALPHA-PHELLANDRENE | Leaf | | 59.0 | -0.2724798984020604 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | P-CYMEN-8-OL | Leaf | | 13.0 | -0.27850366661659065 | -- |
| 4 | BORON | Fruit | 9.0 | 25.0 | -0.3005608385286328 | Betting on Boron, Unpublished draft by J. A. Duke on file at USDA, draft and papers relating to boron percentages. Includes Internat. Z. Vit. Ern. Forschung 43:1973 (boron). |
| 65 | MAGNESIUM | Fruit | 1200.0 | 1480.0 | -0.3008659074610599 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|------------|---------|----------|----------------------|--|
| 13 | ALPHA-TERPINENE | Leaf | | 11.0 | -0.30667825501370594 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | FAT | Leaf | 36000.0 | 41000.0 | -0.3081101927392882 | -- |
| 77 | ZINC | Fruit | 11.0 | 20.0 | -0.30993109880344666 | -- |
| 16 | P-CYMENE | Leaf | | 78.0 | -0.33531133695394194 | -- |
| 11 | GAMMA-TERPINENE | Leaf | | 17.0 | -0.33914517533266125 | -- |
| 31 | CARYOPHYLENE | Fruit | | 1341.0 | -0.3560842600409065 | -- |
| 2 | PHYTOSTEROLS | Fruit | | 666.0 | -0.35991370861065225 | -- |
| 22 | MYRCENE | Fruit | | 45.0 | -0.3775565865925302 | -- |
| 0 | ALPHA-MUUROLENE | Fruit | | 315.0 | -0.3848573067824942 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | ALPHA-HUMULENE | Fruit | | 405.0 | -0.3953664035391883 | -- |
| 24 | CHROMIUM | Plant | | 5.0 | -0.39700126313461825 | -- |
| 67 | 1,8-CINEOLE | Fruit | | 142.0 | -0.4152844919391697 | -- |
| 0 | ALPHA-THUJENE | Leaf | | 20.0 | -0.4177673825705209 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 60 | SELENIUM | Plant | | 0.04 | -0.42573678426264966 | -- |
| 60 | LIMONENE | Leaf | | 15.0 | -0.43200420914823834 | -- |
| 0 | LINALOL | Leaf | | 5.0 | -0.43963782112961997 | -- |
| 13 | ALPHA-TERPINENE | Fruit | | 3.0 | -0.44374837770622017 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 9 | DELTA-CADINENE | Fruit | | 51.0 | -0.4598385498757147 | -- |
| 2 | COBALT | Plant | | 0.05 | -0.47578028445391224 | -- |
| 9 | TERPINOLENE | Fruit | | 42.0 | -0.47960566955795886 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 28 | CALCIUM | Leaf | 10056.0 | 11166.0 | -0.4968226526695569 | -- |
| 1 | MERCURY | Plant | | 0.05 | -0.5015252885658961 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|------------|---------|----------|---------------------|--|
| 67 | 1,8-CINEOLE | Leaf | | 51.0 | -0.523664583248735 | -- |
| 0 | ASH | Leaf | 76000.0 | 89000.0 | -0.525950170714926 | -- |
| 5 | ALUMINUM | Plant | | 110.0 | -0.5382991405371662 | -- |
| 31 | THIAMIN | Fruit | | 1.1 | -0.5418092366178694 | -- |
| 0 | LEAD | Plant | | 0.8 | -0.5492766752904812 | -- |
| 0 | POTASIMUM | Fruit | 11000.0 | 11410.0 | -0.550554488479228 | -- |
| 0 | CINEOLE | Plant | | 690.0 | -0.5510004014017486 | -- |
| 8 | DELTA-3-CARENE | Fruit | | 30.0 | -0.5630094212434373 | -- |
| 16 | P-CYMENE | Fruit | | 87.0 | -0.5682499633585989 | -- |
| 11 | ALPHA-PHELLANDRENE | Fruit | | 6.0 | -0.5736201696885931 | -- |
| 53 | LINALOOL | Fruit | | 42.0 | -0.5740281838590767 | -- |
| 2 | CAMPESTEROL | Fruit | | 10.0 | -0.574497534390022 | Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.) |
| 14 | POTASSIUM | Fruit | 11000.0 | 11410.0 | -0.5756542738198089 | -- |
| 0 | ALPHA-THUJENE | Fruit | | 14.0 | -0.5835458707004604 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | ALPHA-GURJUNENE | Leaf | | 5.0 | -0.5838617665778135 | -- |
| 0 | CALAMENENE | Fruit | | 90.0 | -0.5866732935178128 | -- |
| 4 | PHOSPHORUS | Fruit | 1100.0 | 1235.0 | -0.6017068965285103 | -- |
| 53 | BETA-CAROTENE | Leaf | 103.0 | 120.0 | -0.6153455669506752 | -- |
| 1 | COPAENE | Leaf | | 9.0 | -0.626454859293784 | -- |
| 0 | ALLO-AROMADENDRENE | Fruit | | 204.0 | -0.6431371812176149 | -- |
| 53 | LINALOOL | Leaf | | 5.0 | -0.6439814140923522 | -- |
| 11 | GAMMA-TERPINENE | Fruit | | 35.0 | -0.64488354510724 | -- |
| 4 | PHOSPHORUS | Leaf | 1173.0 | 1399.0 | -0.657285112269021 | -- |
| 6 | IRON | Leaf | 76.0 | 95.0 | -0.6797780759383169 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------------|------------|---------|----------|---------------------|--|
| 6 | METHYL-CHAVICOL | Leaf | | 3.0 | -0.7020598486430413 | -- |
| 1 | COPAENE | Fruit | | 15.0 | -0.7078723703089148 | -- |
| 28 | ALPHA-PINENE | Fruit | | 14.0 | -0.7151283547486822 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 60 | LIMONENE | Fruit | | 28.0 | -0.7461881384241233 | -- |
| 12 | STIGMASTEROL | Fruit | | 30.0 | -0.7564559504417369 | Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.) |
| 39 | NIACIN | Fruit | | 3.1 | -0.7699868154684664 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 20 | METHYL-EUGENOL | Leaf | | 190.0 | -0.7828372252747813 | -- |
| 3 | CADMIUM | Plant | | 0.05 | -0.8187470214027749 | -- |
| 0 | FLUORINE | Plant | | 5.0 | -0.8232345301786249 | -- |
| 0 | STRONTIUM | Plant | | 20.0 | -0.8782466666743383 | -- |
| 0 | TRANS-OCIMENE | Leaf | | 17.0 | -0.8927086392311695 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 6 | METHYL-CHAVICOL | Fruit | | 60.0 | -0.8934789720128694 | -- |
| 15 | RIBOFLAVIN | Fruit | | 0.7 | -0.9229081816681621 | -- |
| 20 | METHYL-EUGENOL | Fruit | | 1500.0 | -1.0 | -- |
| 0 | TRANS-OCIMENE | Fruit | | 35.0 | -1.0 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | 10-(ALPHA)-CADINOL | Fruit | 66.0 | 1000.0 | -1.0 | -- |
| 0 | ALPHA-P-DIMETHYL-STYRENE | Fruit | | 15.0 | -1.162476387438193 | -- |
| 39 | NIACIN | Leaf | 1.4 | 1.8 | -1.1640648502813271 | -- |
| 0 | BARIUM | Plant | | 20.0 | -1.3760690147148127 | -- |
| 31 | THIAMIN | Leaf | 1.1 | 1.7 | -1.3764356884885183 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------------|------------------|---------|----------|--------|--|
| 34 | PROANTHOCYANIDINS | Fruit | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| 0 | TRANS-BETA-OCIMENE | Leaf Essent. Oil | | | | -- |
| 0 | ALPHA-CADINENE | Plant | | | | -- |
| 0 | 1,8-CINEOL | Leaf Essent. Oil | | | | -- |
| 0 | HEPTADECANE | Plant | | | | -- |
| 0 | EIXOSANE | Plant | | | | -- |
| 0 | GLYCOSIDES | Fruit | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| 0 | BETA-COPAENE | Plant | | | | -- |
| 11 | GAMMA-TERPINENE | Leaf Essent. Oil | | | | -- |
| 3 | CIS-OCIMENE | Plant | | | | -- |
| 1 | ISOVALERALDEHYDE | Plant | | | | -- |
| 4 | CALCIUM-OXALATE | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 9 | TERPINOLENE | Leaf Essent. Oil | | | | -- |
| 0 | DODECANE | Plant | | | | -- |
| 5 | EUGENOL-METHYL-ETHER | Leaf Essent. Oil | | | | -- |
| 0 | CIS-ALPHA-BERGAMOTENE | Plant | | | | -- |
| 0 | ALPHA-SANTALENE | Plant | | | | -- |
| 9 | DELTA-CADINENE | Leaf Essent. Oil | | | | -- |
| 8 | TRANS-ANETHOLE | Plant | | | | -- |
| 16 | ISOEUGENOL | Plant | | | | -- |
| 0 | TERPIN-1-EN-4-OL | Leaf Essent. Oil | | | | -- |
| 3 | ACETONE | Plant | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|------------------------|-------------------|---------|----------|--------|-------------------|
| 5 | GERANYL-ACETATE | Plant | | | | -- |
| 0 | DOCOSANE | Plant | | | | -- |
| 0 | CIS-BETA-OCIMENE | Leaf Essent. Oil | | | | -- |
| 0 | PENTANOL | Plant | | | | -- |
| 1 | CIS-3-HEXENOL | Plant | | | | -- |
| 0 | CONIFERALDEHYDE | Fruit Essent. Oil | | | | -- |
| 4 | TRANS-2-HEXENAL | Plant | | | | -- |
| 4 | METHYL-BENZOATE | Plant | | | | -- |
| 0 | SELINE-4(14),11-DIENE | Plant | | | | -- |
| 1 | ISOCARYOPHYLLENE | Plant | | | | -- |
| 5 | EUGENOL-METHYL-ETHER | Fruit | 8000.0 | 22500.0 | | -- |
| 0 | CALAMANENE | Fruit | | 90.0 | | -- |
| 5 | SABINENE | Leaf Essent. Oil | | | | -- |
| 0 | 4,8-EPOXYTERPINOLENE | Plant | | | | -- |
| 0 | EICOSANE | Plant | | | | -- |
| 0 | 1-OCTEN-3-OLE | Fruit | | | | -- |
| 0 | DELTA-SELINENE | Plant | | | | -- |
| 3 | ALPHA-SELINENE | Leaf Essent. Oil | | | | -- |
| 0 | ZONARENE | Plant | | | | -- |
| 0 | PENTADECANE | Plant | | | | -- |
| 60 | CINNAMALDEHYDE | Plant | | | | -- |
| 0 | CONIFERALDEHYDE | Leaf Essent. Oil | | | | -- |
| 1 | TOLUENE | Plant | | | | -- |
| 0 | SELINA-4,11-DIENE | Plant | | | | -- |
| 44 | QUERCITRIN | Fruit | | | | -- |
| 0 | 2-METHYL-BUTYL-ACETATE | Fruit | | 3.0 | | -- |
| 28 | ALPHA-PINENE | Leaf Essent. Oil | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-------------------------------|------------------|---------|----------|--------|--|
| 0 | ALPHA-PALUSTRINE | Plant | | | | -- |
| 0 | BETA-CARYOPHYLLENE | Leaf Essent. Oil | | | | -- |
| 14 | MANGANESE | Bud | 29.0 | 70.0 | | USDA's Ag Handbook 8 and sequelae) |
| 0 | SELINA-3,11-DIENE | Plant | | | | -- |
| 0 | INTERMEDIOL | Plant | | | | -- |
| 0 | QUERCETIN-3-O-BETA-D-XYLOSIDE | Fruit | | | | -- |
| 0 | 2-METHYL-BUTANOL | Plant | | | | -- |
| 0 | 3-OCTANON | Fruit | | | | -- |
| 0 | FURFURALDEHYDE | Plant | | | | -- |
| 1 | CATECHINS | Fruit | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| 3 | AROMADENDRENE | Plant | | | | -- |
| 11 | ALPHA-PHELLANDRENE | Leaf Essent. Oil | | | | -- |
| 0 | ALPHA-COPAENE | Leaf Essent. Oil | | | | -- |
| 0 | TETRADECANE | Plant | | | | -- |
| 15 | MALIC-ACID | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 0 | HUMULENE-EPOXIDE-II | Plant | | | | -- |
| 1 | ETHYL-BENZOATE | Plant | | | | -- |
| 3 | BETA-SELINENE | Plant | | | | -- |
| 0 | PIMENTOL | Fruit | | 800.0 | | -- |
| 0 | 10-EPIZONARENE | Plant | | | | -- |
| 0 | CYCLOSATIVENE | Plant | | | | -- |
| 3 | AR-CURCUMENE | Plant | | | | -- |
| 0 | ALPHA-MUUROLENE | Leaf Essent. Oil | | | | -- |
| 0 | VALERALDEHYDE | Plant | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|------------------------|------------------|---------|----------|--------|--|
| 0 | OCTANOL | Plant | | | | -- |
| 0 | FUFUROL | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 0 | ALLO-AROMADENDRENE | Leaf Essent. Oil | | | | -- |
| 0 | TETRACOSANE | Plant | | | | -- |
| 3 | CHAVICOL | Leaf | | | | -- |
| 5 | SABINENE | Plant | | | | -- |
| 0 | HUMULENE-EPOXIDE-I | Plant | | | | -- |
| 0 | EPIGLOBULOL | Plant | | | | -- |
| 13 | BETA-PINENE | Plant | | | | -- |
| 53 | LINALOOL | Leaf Essent. Oil | | | | -- |
| 0 | 10-EPI-(ALPHA)-CADINOL | Plant | | | | -- |
| 0 | CUBENENE | Plant | | | | -- |
| 2 | ALPHA-HUMULENE | Leaf Essent. Oil | | | | -- |
| 0 | UNDECANE | Plant | | | | -- |
| 0 | OCTADECANE | Plant | | | | -- |
| 0 | ALPHA-MAALIENE | Plant | | | | -- |
| 0 | PHYTOSTEROL | Fruit | 610.0 | 665.0 | | Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.) |
| 8 | CARYOPHYLLENE-OXIDE | Plant | | | | -- |
| 0 | ALPHA-GURJUNENE | Fruit | | 42.0 | | -- |
| 3 | HEXANOL | Plant | | | | -- |
| 0 | EPICUBENOL | Plant | | | | -- |
| 3 | BETA-PHELLANDRENE | Plant | | | | -- |
| 60 | LIMONENE | Leaf Essent. Oil | | | | -- |
| 12 | COPPER | Bud | 5.0 | 10.0 | | USDA's Ag Handbook 8 and sequelae) |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|-----------------------------------|--------------------|---------|----------|--------|-------------------|
| 0 | ALPHA-GURJUNENE | Leaf Essent. Oil | | | | -- |
| 0 | TRIDECANE | Plant | | | | -- |
| 0 | NONADECANE | Plant | | | | -- |
| 0 | LEDOL | Plant | | | | -- |
| 0 | CARYOPHYLLENE-ALDEHYDE | Plant | | | | -- |
| 0 | HEXADECANE | Plant | | | | -- |
| 0 | BETA-HUMULENE | Fruit | | 405.0 | | -- |
| 22 | ISOQUERCITRIN | Fruit | | | | -- |
| 23 | ALPHA-TERPINEOL | Plant | | | | -- |
| 16 | P-CYMENE | Leaf Essent. Oil | | | | -- |
| 0 | TRICOSANE | Plant | | | | -- |
| 3 | BETA-PHELLANDRENE | Fruit | | | | -- |
| 0 | T-MUUROLOL | Plant | | | | -- |
| 0 | LEDENE | Fruit | | 237.0 | | -- |
| 1 | CARYOPHYLLENE-ALCOHOL | Plant | | | | -- |
| 0 | HEPTANAL | Plant | | | | -- |
| 5 | BETA-ELEMENE | Plant | | | | -- |
| 16 | ISOEUGENOL | Leaf Essent. Oil | | | | -- |
| 76 | EUGENOL | Flower Essent. Oil | | 543000.0 | | -- |
| 0 | TRANS-P-MENTHA-1(10),5,DIENE-2-OL | Plant | | | | -- |