

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Anthriscus cerefolium*

| Activities Count | Chemical                     | Plant Part    | Low PPM  | High PPM | StdDev                | Refernce Citation |
|------------------|------------------------------|---------------|----------|----------|-----------------------|-------------------|
| 0                | 1-ALLYL-2,4-DIMETHOXYBENZENE | Essential Oil |          |          |                       | --                |
| 4                | APIIN                        | Plant         |          |          |                       | --                |
| 0                | ASH                          | Leaf          | 166000.0 | 178950.0 | 1.0588584012137332    | --                |
| 28               | CALCIUM                      | Leaf          | 13460.0  | 14509.0  | -0.26840333413982365  | --                |
| 0                | CARBOHYDRATES                | Leaf          | 491000.0 | 529300.0 | -0.6564857250876439   | --                |
| 12               | COPPER                       | Leaf          |          | 4.4      | -0.6400309140524493   | --                |
| 0                | DEOXYPICROPODOPHYLLIN        | Plant         |          |          |                       | --                |
| 14               | DEOXYPODOPHYLLOTOXIN         | Plant         |          |          |                       | --                |
| 0                | EO                           | Seed          |          | 9000.0   | -0.4367230099163908   | --                |
| 0                | EO                           | Plant         |          | 300.0    | -0.7173291211367695   | --                |
| 0                | FAT                          | Seed          | 105000.0 | 156000.0 | -0.5761835709186449   | --                |
| 0                | FAT                          | Leaf          | 39000.0  | 42040.0  | -0.2873863334228929   | --                |
| 15               | FIBER                        | Leaf          | 113000.0 | 121815.0 | -0.4911823623944356   | --                |
| 6                | IRON                         | Leaf          | 320.0    | 345.0    | -0.04609369492724084  | --                |
| 27               | LINOLEIC-ACID                | Seed          |          | 68900.0  | -0.3274915753568095   | --                |
| 65               | MAGNESIUM                    | Leaf          | 1300.0   | 1400.0   | -1.0525025186236425   | --                |
| 14               | MANGANESE                    | Leaf          |          | 21.0     | -0.42497425673286027  | --                |
| 6                | METHYL-CHAVICOL              | Essential Oil |          |          |                       | --                |
| 13               | PALMITIC-ACID                | Seed          |          | 6500.0   | -0.5654849588832641   | --                |
| 0                | PETROSELINIC-ACID            | Seed          |          | 53300.0  | -2.0938686032655838   | --                |
| 4                | PHOSPHORUS                   | Leaf          | 4500.0   | 4850.0   | -0.022346054660442673 | --                |
| 14               | POTASSIUM                    | Leaf          | 47400.0  | 51200.0  | 0.9209509363963343    | --                |
| 0                | PROTEIN                      | Plant         |          |          |                       | --                |
| 0                | PROTEIN                      | Leaf          | 232000.0 | 250100.0 | 0.3816300953225559    | --                |
| 1                | SODIUM                       | Leaf          | 830.0    | 895.0    | -0.48832674416098903  | --                |
| 0                | VIT-B-6                      | Leaf          | 11.0     | 14.0     | -0.1327208002557497   | --                |

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|------------------|----------|------------|---------|----------|---------------------|-------------------|
| 0                | WATER    | Leaf       |         | 72000.0  | -3.6700831014974185 | --                |
| 77               | ZINC     | Leaf       | 9.0     | 10.0     | -0.4653979182269869 | --                |